PUBLIC WORKS, IRELAND.

TWENTY-SIXTH REPORT

FROM THE

BOARD OF PUBLIC WORKS, IRELAND:

WITH THE

APPENDICES.

1857.

Presented to both Houses of Parliament by Command of Her Majesty.

DUBLIN:
PRINTED BY ALEX. THOM AND SONS, 87 & 88, ABBEY-STREET,
FOR HER MAJESTY'S STATIONERY OFFICE.

1858.

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CONTENTS.

REPORT.

	Page
Loans and Grants for Public Works,	6
Land Improvement,	8
Farm Buildings,	9
Sums Expended, and Progress of the Works during the Year 1857,	9
Thorough Drainage, &c.,	10
Public Buildings,	16
Post Roads,	17
Arterial Drainage,	17
Piers and Harbours,	19
Inland Navigations,	19

APPENDIX.

Appendix A.—Accounts:—

(A.)—Abstract of the Accounts of Commissioners of Public Works for One Year, ended 31st December, 1857, . . . 22

(A. 1.)—Abstract of Loans made by the Commissioners of Public Works, under the provisions of Act 1 & 2 Wm. IV., cap. 33, and subsequent Acts, to the 31st December, 1857, . 24

(A. 2.)—Statement of Loans made by the Commissioners of Public Works, under the Act 1 & 2 Wm. IV., cap. 33, for One Year, . . . 26

(A. 2.)—Statement of Loans made by the Commissioners of Public Works, pursuant to Acts 6 & 7 Vic., cap. 44, . . . 26

(A. 3.)—Shannon Navigation.—Statement of Loans by the Commissioners acting in execution of the provisions of the Act 2 & 3 Vic., cap. 61, . . . 34

(A. 4.)—Statement of Outstanding Loans made by the late "Commissioners for the Issue of Loans out of the Consolidated Fund," pursuant to the provisions of the 57th Geo. III., cap. 34, and subsequent Acts, . . . 34

(A. 5.)—Grant Loans.—Account of the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 36

(A. 6.)—River Drainage.—Account showing the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 36

(A. 7.)—Land Improvement Preliminaries.—Account showing the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 38

(A. 8.)—Shannon Navigation.—Account showing the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 40

(A. 9.)—Parliamentary Votes and Grants.—Account showing the Receipts and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 40

(A. 10.)—Employment of Labouring Poor.—Account showing the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 44

(A. 11.)—Miscellaneous Services.—Account showing the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st December, 1857, . . . 46

Appendix B.—Land Improvement:—

Land Improvement Acts.—Schedule showing the Proprietors who have applied for and obtained Loans, the amount applied for, sanctioned, and issued, . . . 52

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Page

APPENDIX C.—ARTERIAL DRAINAGE:—

Schedule No. 1.—Abstract of Awards made Final up to the 31st December, 1857, and repayments thereon up to the 31st December, 1857, ... 58

" 2.—Return of Districts in Hands, with the expenditure and employment thereon, for year ending 31st December, 1857, ... 62

" 3.—Return of Districts in which works have not been undertaken, ... 64

EXTRACTS from the Annual Reports, for the year 1857, of the following Engineers, viz.:—

No. 1.—Battersby, C. J., C.E., Inny, counties of Meath, Westmeath, Cavan, and Longford, stationed at Balnalack, Rathowen, ... 64

" 2.—Farrell, Martin, C.E., Loughs Oughter and Gowna and River Erne, and Ballinamore and Ballyconnell, counties of Cavan, Fermanagh, Leitrim, and Longford, stationed at Cavan, ... 66

" 3.—Harding, Samuel, C.E., Rinn and Blackriver, counties of Leitrim and Longford, stationed at Mohill, ... 70

" 4.—Kane, H. J. B., C.E., Brosna (Farbane), and Kilheggan, counties Westmeath and King's, stationed at Tullamore, ... 71

" 5.—Kelly, J. W., C.E., Fergus, Quin, Annagh, and Comogue, counties Clare, Galway, and Limerick, stationed at Ennis, ... 73

" 6.—Lyons, A. O., C.E., Longford and Keenagh, county Longford, stationed at Longford, . 75

" 7.—Mason, John S., C.E., Lough Gara and Mantua, counties Roscommon, Sligo, and Mayo, stationed at Frenchpark, ... 76

" 8.—Ottley, Charles S., C.E., Lough Neagh, counties Antrim, Londonderry, Armagh, Tyrone, and Down, stationed at Castledawson, ... 78

" 9.—Roberts, Samuel U., C.E., Loughs Corrib, Mask, and Carra, Dunkellin, Lavally, Turloughmore, Lough Mask and River Robe, Balla, Shrule, and Lough Lannagh, counties Galway and Mayo, stationed at Galway, ... 81

" 10.—Tarrant, George, C.E., Dunmore and Monivea, counties Galway, Mayo, and Roscommon, stationed at Tuam, ... 83

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PUBLIC WORKS, IRELAND.

TWENTY-SIXTH ANNUAL REPORT

FROM

THE BOARD OF PUBLIC WORKS IN IRELAND.

TO THE LORDS COMMISSIONERS OF HER MAJESTY'S TREASURY.

MAY IT PLEASE YOUR LORDSHIPS,

WE have the honour to submit our Twenty-Sixth Annual Report, embracing in the usual manner, the several services intrusted to our management, viz.:—

Accounts:—
- Loans and Grants for Public Works.
- Repayments to Her Majesty's Exchequer.
- Sanctions for Grants.

Landed Property Improvement.
Arterial Drainage.
Public Buildings.
Inland Navigations.
Piers and Harbours.
Post Roads.

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LOANS AND GRANTS

STATEMENTS of outstanding Loans made for PUBLIC WORKS will be found in the APPENDIX; and the following account of each description of Loans, the Amounts remitted, the sums to be repaid, the

	SANCTIONS.	£ s. d.	£ s. d.	For what purpose issued.
	Original Appropriation by Act 1 & 2 Wm. IV., c. 33,	500,000 0 0		
A.1 & A.2.	Re-issued pursuant to Act 1 & 2 Wm. IV., c. 33, .	244,650 0 0		
	Additional sum by Act 6 & 7 Wm. IV., c. 108, .	100,000 0 0		
	Of £50,000 by Act 1 & 2 Vic., c. 88, £4,000 was appropriated for Grants, leaving for Loan, .	46,000 0 0		
	Total issued in Exchequer Bills, . .		890,650 0 0	Public Works, .
	By Act 6 & 7 Vic., c. 44, £15,000 per quarter, commencing 10th October, 1843, when Exchequer Bill Issues ceased, . .	210,000 0 0		
A.1 & A.3.	By Act 9 & 10 Vic., c. 108, in aid of Relief Works, 9 Vic., c. 1, ...	145,000 0 0		Public Works, .
	By Act 9 & 10 Vic., c. 85, £15,000 per quarter, for five years, from 5th April, 1847, to 5th January, 1852, inclusive, . . .	300,000 0 0		
	By Act 10 & 11 Vic., c. 106, for Arterial Drainage,	370,000 0 0		Arterial Drainage,
	Re-issued pursuant to Act 11 & 12 Vic., c. 51, of Repayments under Act 10 & 11 Vic., c. 87, for the completion of Relief Works and Arterial Drainage, ...	138,648 15 7	2,763,648 15 7	
	By Act 12 Vic., c. 23, for Arterial Drainage, .	200,000 0 0		
	By Act 13 & 14 Vic., c. 31, for Arterial Drainage and other Public Works, . .	800,000 0 0		Relief Works, 9 Vic., c. 1,
	By Act 14 & 15 Vic., c. 51, £15,000 per quarter, for five years, from 5th April, 1852, to 5th January, 1857, ...	300,000 0 0		
	By Act 19 Vic., c. 18, £15,000 per quarter, for five years, from April, 1857, to April, 1862, .	300,000 0 0		
	By Act 9 & 10 Vic., c. 107, for the Employment of the Labouring Poor, . .	4,848,235 2 6	—	County Relief Works, .
	Lese returned to the Exchequer by this Board, .	49,785 0 0	—	Labouchere Drainage, advanced to Proprietors,
			4,798,450 2 6	
A. 4.	By Act 2 & 3 Vic., c. 61, for the Improvement of the Navigation of the River Shannon (Loan portion), ...	—	294,090 0 0	Shannon Navigation, .
	By Act 10 Vic., c. 32, for the Improvement of Land, ...	1,500,000 0 0		
	By Act 12 Vic., c. 23, do., . .	300,000 0 0		
	By Act 13 & 14 Vic., c. 31., do., . .	200,000 0 0		
			2,000,000 0 0	Land Improvement,
	Totals, ...	—	10,746,838 18 1	
	Deduct Issues, ...	—	9,834,413 7 11	
	Leaving to be issued, ...	—	912,425 10 2	
	Viz. :—			
	For Public Works and Drainage, . .	397,841 11 6		
	For Land Improvement. . . .	514,583 18 8		

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FOR PUBLIC WORKS.

is an Abstract of the funds which have from time to time been sanctioned, showing the amounts issued on repayments on account thereof, and the Interest paid thereon, to the 31st December, 1857.

Amount issued.	Remitted.	Principal to be repaid.	Total Repayments to Her Majesty's Exchequer, to 31st December, 1857.		
			Principal.	Interest.	Principal and Interest.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
890,650 0 0	2,080 9 5	888,569 10 7	732,193 9 2	260,158 9 4	992,351 18 6
330,355 6 3	280 16 0	330,094 10 3	206,821 13 0	44,188 19 10	251,010 12 10
1,809,101 17 11	By 16 & 17 Vic., c. 130. 410,535 3 2	1,398,566 14 9	58,412 16 5	197,722 11 8	256,135 7 8
226,349 19 11	By 16 & 17 Vic., c. 75. 156,678 1 10	69,671 18 1	69,671 18 1	16,666 3 2	88,338 1 3
2,365,807 4 1					
4,598,579 13 4	By 10 & 11 Vic., c. 87; 16 & 17 Vic., c. 75. 4,295,749 8 8	302,830 4 8	302,830 4 8	—	302,830 4 8
199,870 9 2	—	199,870 9 2	Repaid on the principle of an Annuity.		122,904 2 9
4,798,450 2 6					
294,090 0 0	—	294,090 0 0	278,355 13 7	47,916 15 2	326,272 8 9
1,485,416 1 4	—	1,485,416 1 4	Repaid on the principle of an Annuity.		722,129 7 10
9,834,413 7 11	4,865,303 19 1	4,969,109 8 10	—	—	3,061,972 4 3

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SANCTIONS FOR GRANTS.

	£ s. d.	£ s. d.
By Act 1 & 2 Wm. 4, c. 33, for Public Works, . .	50,000 0 0	
By Act 1 Vic., c. 21, for Public Works, . . .	50,000 0 0	
By Act 1 & 2 Vic., c. 88 (portion of £50,000), appropriated to Grants for Public Works, ...	4,000 0 0	
By Act 6 & 7 Vic., c. 44, for Public Works, . .	21,000 0 0	
		125,000 0 0
By Act 9 Vic., c. 1, in aid of Relief Works, . .	50,000 0 0	
By Act 9 & 10 Vic., c. 108, do. . .	175,000 0 0	
		225,000 0 0
By Act 2 & 3 Vic., c. 61, in aid of the Improvement of the Shannon Navigation, ...	—	290,717 0 0
By Act 9 Vic., c. 3, for Piers and Harbours, . .	50,000 0 0	
By Act 10 & 11 Vic., c. 75, for do., . .	40,000 0 0	
		90,000 0 0
For Navigation in connexion with Drainage, Act 5 & 6 Vic., c. 89, ...	—	141,073 0 0
		871,790 0 0

LANDED PROPERTY IMPROVEMENT ACTS.

In making our Report for the year 1857, with reference to the works executed under the Land Improvement Acts, we have again to express our gratification that our operations, though on a comparatively limited scale, have been equally successful in every respect as during previous years; and that improvements in agriculture, and especially in the spread of rotative husbandry, always follow the completion of works of thorough-drainage, executed through the means of loans obtained under the Acts; and, in addition, we find that, whenever similar works have been executed by parties from private funds, such improvements are equally followed by the introduction of green-crop husbandry.

No doubt, the advice and assistance afforded to the proprietors by the several Inspectors of Drainage employed by us, who are all practical as well as scientific agriculturists, had much influence in effecting this result, which was anticipated from the commencement; and we have pleasure in referring to the reports of Mr. W. P. Prendergast, Mr. Richard Irwin, of Roscommon, and others, who state that it is the universal opinion of all the landed proprietors in their respective districts who have obtained loans, that they have derived benefit much beyond the actual outlay; and it should be borne in mind that the proprietors thus expressing themselves are still regularly repaying the half-yearly instalments, at the rate of 3½ per cent. on the expenditure, which will continue for twenty-two years from the period from which the loans were made; and, indeed, if we possessed no other criterion, the punctuality in the payment of the instalments, as they become due, would of itself be a proof of the benefit derived, as it should be mentioned that, at the commencement, in the year 1847 and 1848, when the country still suffered under the effects of the famine, many of the proprietors obtained loans for thorough-draining, &c., with a view to giving employment to their tenants; and it is gratifying to know that they have been amply remunerated by the benefits which have followed undertakings begun chiefly from philanthropic motives.

Up to the 31st day of December, 1857, 3,293 loans were sanctioned by your Lordships, and orders made by us amounting to a total sum of £2,387,330; but, as mentioned in previous Reports, during the period which has elapsed between the year 1847, when the first loans were made, and the termination of the year reported on, a considerable number of loans, or portions of loans, which had been so sanctioned, have been relinquished by the parties, or cancelled by this Board, under the powers vested in it by 13 and 14 Vic., cap. 31, sec. 9; and by this means a considerable fund has been set free, £362,333 remaining unappropriated, out of the fund of £2,000,000 voted by Parliament for the Land Improvement service in Ireland; and it is probable that, under the operation of the section alluded to, the total amount available for new loans may be further increased during the year 1858.

The sum issued on account of works, up to the 31st of December last, amounted to £1,485,416 1*s.* 4*d.*, of which £1,258,866 was on account of 2,810 loans, which have been completed, and £226,550 has been issued on 483 loans, which are in progress, or have not been finally closed; but the sum of £164,830 has been certified as expended on the works, leaving an unexpended balance of £61,720 in the hands of the proprietors towards their completion.

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Land Improvement.

Farm Buildings.

Out of the several totals, as above stated, 172 loans, amounting to a sum of £61,850, have been sanctioned to proprietors for the erection of farm buildings, of which 132 loans, amounting to £46,450, have been completed in the undermentioned counties, viz.:—

Loans for Farm Buildings which have been closed.

Name of County.	No. of Loans.	Total Amount applied for. £	s.	d.	Amount sanctioned. £	Total Amount issued. £	Name of County.	No. of Loans.	Total Amount applied for. £	s.	d.	Amount sanctioned. £	Total Amount issued. £
Antrim,	3	600	0	0	550	550	Longford,	3	850	0	0	800	800
Carlow,	2	829	0	0	550	550	Louth,	2	946	0	0	900	900
Cavan,	3	1,300	0	0	700	700	Londonderry,	2	900	0	0	900	900
Cork,	13	6,144	7	5	4,750	4,450	Mayo,	13	6,291	15	11	5,850	4,990
Clare,	3	992	0	0	950	950	Meath,	2	1,100	0	0	900	900
Donegal,	3	1,030	0	0	650	650	Queen's,	4	1,915	12	3	1,700	1,600
Down,	3	1,297	0	0	1,000	1,000	Roscommon,	12	4,648	0	0	4,000	4,000
Dublin,	4	2,117	0	0	2,050	2,050	Sligo,	2	1,700	0	0	1,700	1,600
Fermanagh,	1	100	0	0	100	100	Tipperary,	15	6,474	19	9	5,500	4,880
Galway,	7	2,186	0	0	1,850	1,450	Tyrone,	1	420	0	0	250	250
Kerry,	5	1,818	0	0	1,550	1,390	Westmeath,	2	857	0	0	600	600
Kildare,	9	2,806	12	1	2,450	2,430	Wexford,	1	300	0	0	300	300
Kilkenny,	4	1,471	0	0	1,200	1,040	Wicklow,	2	725	0	0	500	500
King's,	1	350	0	0	350	350							
Limerick,	10	4,898	12	10	3,850	3,850	Totals,	132	55,068	0	3	46,450	43,730

Of the 40 farm buildings for which loans have been sanctioned, 5, amounting to £2,250, have not been proceeded with, and do not, therefore, appear in the following table. Of the remaining 35, we have to state that 14 loans, amounting to £4,400, were sanctioned during the year 1857, and the remainder commenced during previous years. The present state of the progress made on each of these works will be seen by reference to the following schedule:—

Loans for Farm Buildings in progress.

No.	County.	Name of Applicant.	Date of Sanction.	Amount sanctioned. £	Amount issued.	State of Works.
1	Carlow,	Sir Thomas Butler,	Dec. 7, 1857,	400	80	In progress.
2	Cavan,	Ed. Fleming,	July 20, „	500	500	Nearly completed.
3	Clare,	William Armstrong,	April 29, „	500	100	In progress.
4	Cork,	James Lysaght,	Aug. 20, 1855,	150	30	Do.
5	„	Henry Hudson,	Dec. 12, „	850	170	Do.
6	„	Earl of Shannon,	Feb. 11, 1857,	450	–	Not yet commenced.
7	„	John Litchfield,	Sept. 13, 1856,	200	40	In progress.
8	„	R. H. E. White,	Dec. 20, „	400	–	Not commenced.
9	„	John Smith,	Sept. 9, 1857,	100	–	Not commenced.
10	Galway,	Cornelius J. O'Kelly,	Sept. 26, 1853,	650	650	Complete, except fittings.
11	„	Charles D. O'Rorke,	Nov. 23, 1854,	400	80	In progress.
12	„	Mary C. Villiers,	Jan. 10, 1857,	400	–	Not yet commenced.
13	„	E. M. Davies,	Sept. 13, 1856,	200	160	In progress.
14	„	C. P. Archer, jun.	Nov. 3, 1857,	200	40	Do.
15	Kerry,	Wilson Gun,	Nov. 3, 1857,	550	–	Do.
16	Kildare,	J. A. Palliser,	Nov. 25, 1856,	350	70	Do.
17	„	Trustees of the late R. Nevill,	Sept. 9, 1857,	150	–	Not commenced.
18	Limerick,	John Anster,	July 1, 1854,	300	120	In progress.
19	„	Robert Ferguson,	Sept. 5, „	150	–	Not yet commenced.
20	„	George Fosberry,	Oct. 23, „	1,000	200	In progress.
21	Longford,	Samuel W. Blackall,	Dec. 12, 1855,	200	160	Do.
22	Louth,	R. Byrne,	Sep. 9, 1857,	250	50	One office completed, the remain-
23	Mayo,	Courtenay Kenny,	Do.,	400	80	Commenced. [der in progress.
24	Monaghan,	J. F. Johnston,	July, 12, 1855,	300	–	Not commenced.
25	Meath,	Leonard Cornwall,	Jan. 4, 1854,	500	100	One side of steading completed.
26	Roscommon,	James Kirkwood,	May 11, 1852,	500	200	In progress.
27	„	John L. Hackett,	Nov. 18, 1854,	300	180	Do.
28	„	W. J. M'Laughlin,	June 1, 1855,	350	280	Do.
29	„	John Fawcett,	Aug. 8, 1856,	400	–	Not commenced.
30	Sligo,	John W. King,	May 11, „	550	220	In progress.
31	Tipperary,	Henry C. Bowen,	June 21, 1853,	250	150	Do.
32	„	J. O. Radcliff,	June 26, 1854,	300	60	Do.
33	„	William Parker,	Sept. 9, 1857,	500	–	Not commenced.
34	Waterford,	Abraham Fisher,	July 20, „	200	–	Do.
35	Wicklow,	John Edwards,	Mar. 14, 1856,	250	50	Portion completed.
				13,150		

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Land Improvement.

THOROUGH DRAINAGE, &c.

The system of operations which had been adopted during the last few years, in relation to main and thorough drainage, has been continued, without any alteration, during the year 1857. Objections to deep drains, sunk to the depth of from four feet to four feet six inches, and from twenty-five to forty feet apart, according to circumstances, have altogether ceased, the proprietors and their agents being now unanimous in regard to their superiority to shallow drains cut close to each other: and the superiority of pipe-tiles, as a means of conduit for the water, in preference to broken stone, is also invariably admitted.

The only drawback to the completion of the numerous works which have been commenced, is the reported difficulty of procuring labourers to execute them at reasonable prices; but Mr. Richard Irwin and other Inspectors report that, although there has been a considerable diminution in the number of labourers who can conveniently be spared from ordinary agricultural works, still trained bands of superior intelligence can be obtained by those who offer continuous employment; and though the rates of payment are higher than formerly, the works are more carefully and effectively executed, and, on the whole, the benefit derived is sufficiently remunerative to encourage their continuance.

The number of acres that have been thorough drained under the Land Improvement Acts, from the commencement up to the date of this Report, amounts to 179,400, which has been effected at an average cost of £4 17*s.* per acre. Of this quantity, 7,000 acres have been drained during the year 1857, and a considerable portion of the land drained has been subsoiled. In the year 1855 the number of acres drained was 6,700; in 1856, 7,040; and in 1857, 7,000; hence it would appear that the annual rate of improvement has reached the average maximum of about 7,000 acres.

The following is a statement of the number and amount of loans which have been closed, or in which no further issue can be made, and, in consequence, are not included in the Appendix to this Report:—

Name of County.	Number of Loans.	Total Amount Applied for.			Total Amount Issued.			No. of Loans.	Total Amount Applied for.			Total Amount Issued.		
		£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.
NORTHERN DISTRICT.														
Antrim,	70	230,281	14	2	57,610	0	0							
Londonderry,	50	91,375	2	9	34,010	0	0							
Donegal,	109	175,722	10	1	80,914	0	0							
Fermanagh,	47	80,782	7	9	18,414	0	0							
Tyrone,	69	91,990	17	7	36,497	0	0							
Armagh,	32	40,142	19	6	12,271	15	1							
Down,	20	34,964	11	0	16,750	0	0							
								397	745,260	2	10	256,466	15	1
MIDLAND AND EASTERN.														
Cavan,	49	48,875	18	1	14,200	0	0							
Monaghan,	38	63,353	1	7	20,200	0	0							
Longford,	56	40,603	6	6	23,800	0	0							
Louth,	34	51,355	0	5	18,340	0	0							
Meath,	56	69,787	7	7	33,606	0	0							
Westmeath,	44	42,674	2	1	16,280	0	0							
Dublin,	50	33,950	4	8	15,085	8	10							
Kildare,	64	47,120	11	8	21,690	0	0							
King's,	62	41,971	1	7	17,790	0	0							
Queen's,	99	111,623	19	9	40,450	0	0							
Wicklow,	69	67,114	5	8	34,087	0	0							
Carlow,	71	93,070	14	6	38,790	0	0							
Kilkenny,	82	112,651	10	2	37,880	2	5							
Wexford,	101	128,505	16	10	57,025	0	0							
								875	952,657	1	1	389,223	11	3
WESTERN.														
Sligo,	60	96,963	8	11	35,887	5	0							
Leitrim,	65	91,892	19	4	32,994	0	0							
Mayo,	150	265,698	4	10	91,815	17	0							
Roscommon,	83	97,744	18	0	56,235	0	0							
Galway,	225	248,803	14	1	90,520	19	7							
Clare,	102	118,889	17	11	37,849	18	10							
								685	919,993	3	1	345,303	0	5
SOUTHERN.														
Limerick,	224	238,757	9	6	113,900	1	5							
Tipperary,	179	130,336	16	9	64,819	15	11							
Waterford,	66	68,946	11	11	29,092	9	11							
Cork,	330	279,538	18	1	104,109	14	4							
Kerry,	158	390,394	5	6	91,731	3	7							
								957	1,107,974	1	9	403,653	5	2
					Total,			2,914	£3,725,884	8	9	1,394,646	11	11

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Land Improvement.

Following the arrangement heretofore adopted, we shall now proceed to review the drainage works which have been executed, under the Land Improvement Acts, during the last year, by quoting extracts from the Reports of our several Inspectors of Drainage. We shall commence with the Northern District.

Counties of Antrim, Down, Derry, and Monaghan. Mr. B. G. Brooke, Inspector of Drainage.

Mr. B. G. Brooke, Inspector of Drainage for the counties of Antrim, Down, Derry, and Monaghan, reports that, during the past year, the operations in connexion with thorough drainage, under the Land Improvement Act, in his district, have been trifling, and, in consequence, he can speak only as to the general state of those portions in which the works have been completed. From his observation of the several properties in Antrim, Down, Derry, and Monaghan, for the improvement of which loans have been granted, and the works accurately carried out, he finds that great benefit has been derived, and that the lands have been increased in value considerably beyond the outlay; and he is only surprised, now that agriculture has become comparatively so profitable, that proprietors should cease to avail themselves of the great boons held out to them by the provisions of the Act.

While travelling through part of his district during the past year, he observed, with much regret, that little attention had been paid to the preservation of the main drains, as well as the streams, which had been widened and deepened during the progress of the works, in order to provide a sufficient outfall for thorough drainage of four feet in depth. This is the more to be regretted, as the effectual working of the system must necessarily depend on keeping the watercourses clear and in perfect order.

It may not, perhaps, be out of place to remark here that, during the autumn of last year, he had occasion to visit the counties of Sligo and Mayo, by order of the Board, and he was much struck with the comparatively barren and unimproved state of extensive parts of land having naturally a good soil and subsoil. Here is a fine field for the operations of the Land Improvement Act; and he is of opinion, that if such lands were drained and enclosed, at a cost of, say, £4 per statute acre, there would be a quick return of upwards of 10 per cent. on the outlay.

Counties of Fermanagh and Leitrim, with portions of Sligo, Roscommon, Donegal, &c. Mr. W. P. Prendergast, Inspector of Drainage.

Mr. W. P. Prendergast, Inspector of Drainage for the counties of Fermanagh and Leitrim, with portions of the adjoining counties of Sligo, Roscommon, Donegal, &c., reports as follows:—

"The principal duty performed by me during the last year (1857) has been the winding "up of old accounts, and inspecting the last finished portions of improvements commenced "in former years. Lord Belmore, in Fermanagh; Lord Lifford, in Donegal; Mr. Fitzpat-"rick, in Cavan; and Colonel Whyte, in Leitrim, have obtained new loans, which I have "reported on; and the small number of new applications received appears to have arisen "from the scarcity of labourers, and the comparative abundance of private means among "the owners and occupiers of land, that rendered some indifferent to further exertions, and "others disinclined to borrow while they possessed private funds sufficient to enable them "to effect such improvements as were necessary, and which would amply repay the outlay. "The results of the cases reported on as closed during the past year have been as satisfac-"tory as in former years; and the system of thorough drainage, with pipe-tiles placed in "parallel drains of a depth of not less than four feet, and at a distance of from thirty to "forty feet apart, seems still to be admitted as the best and most economical. The only "observation necessary to make on this head is, that a great number of practical farmers "inform me they do not like running the parallel drains at so great a distance apart as "forty feet in clay lands, considering that the advantage of a more rapid discharge com-"pensates for the extra expense of making the greater number of drains per acre. All "the owners that I have met on their estates during my inspections are quite satisfied "with the beneficial results of their expenditure, and with the general working of the Act.

"Mr. Fitzpatrick, of Templeport Glebe, has let a portion of his newly-drained land at "£2 per acre, this having been previously considered the worst part of the whole farm, "which was let at £1 per acre all round; and many similar instances of an ample return "for an outlay have fallen under my notice.

"On Lord Belmore's county Tyrone estate, his agent informs me that the immediate "results of expenditure are most satisfactory; his plan being to select a number of spots most "in need of improvement on different portions of the property, and have the work executed "by a professional superintendent engaged expressly for the purpose, so as to show the "tenants in every quarter a specimen of good work and its results, and let them judge of "the benefit for themselves, and thus induce them to follow the example, and carry out "similar changes from their own resources as suits their farms and their means. Among "the first portions of the undertaking there were some pieces of cut-out bog drained, "which were previously not worth 5*s.* an acre, and there is now a competition for them

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Land Improvement.

"at £1 the acre rent, besides setting the example, as intended, and showing a proper mode "of working for the guidance of country people.

"Colonel Whyte's improvements in the country Leitrim have been continued completely "to his satisfaction in the manner specially reported on last year; and he has obtained a "further loan for similar undertakings on land that falls into his hand by the dropping in "of old leases. In this case the use of lime for the reclamation of bogs, after they are "drained and levelled, has proved very successful and remunerative, at a cost of about £3 "per acre; and the green crops raised on such bottoms have returned him large profits.

"The Right Honourable John Wynne's improvements, in the same neighbourhood, on "his Leitrim estate, have also continued to give him and his tenants satisfaction.

"The improvements on the Leitrim estates of Mr. Godley, Major Blackall, Mr. Johnston, "Mr. Latouche, Mr. Dickson, Mr. Cullen, which are the earlier undertakings in the country, "have continued to be satisfactory and remunerative to their owners.

"I consider it specially desirable to ascertain, as far as possible, each year, whether the "results obtained by expenditure many years previous have been such as to continue to "satisfy those whose estates are charged with the repayment of the loans; and I may say "that, in all cases in which the owners reside on their estates, they are fully satisfied with "what has been done. In the county Cavan, the improvements executed by Lord Farn-"ham, Mr. Venables, the Rev. J. Godley, the Rev. A. M'Creight, Mr. Copeland Jones, "Mr. Enery, and others with which I am personally acquainted, have stood the test of "the past years, and must now be considered to be permanently beneficial.

"In Fermanagh, the results of the improvements effected by Lord Enniskillen, Lord "Erne, Sir Arthur Brooke, the Rev. Henry Archdall, Mr. Lendrum, Mr. Burke, Lord "Adam Loftus, Mr. Hazlett Hamilton, and others, have proved equally satisfactory after "the test of several years; and in Sligo, the estates of Lord Palmerston, Mr. Wynne, "Colonel Wingfield, Mr. Tottenham, Mr. Walker, and others, exhibit a remarkable and "permanent change.

"On Lord Palmerston's county Sligo estate there is also a most remarkable change for "the better. A vast quantity of drainage, levelling, and clearing new roads, fencing, and "planting, has been executed; and to those who knew the appearance of the district about "Cliffony ten years ago, the difference is most striking:—neat little flower-gardens in "front of the cottages by the roadside, good crops of turnips, well-divided fields, straight "fences, and handsome straight watercourses and farm-roads now catch the eye in many "places.

"The planting of bent grass on the shore has stopped some of the blowing sand success-"fully, and the trees have at length obtained a footing on them, so as to begin to afford some "cover and shelter, and among them the '*Pinus Maritima*' shows how specially adapted for "this purpose it is.* This experiment of stopping blowing sands by the plantation of bent "grass has been watched with great interest by many gentlemen of the north-west of "Ireland, as great damage has been done along the coast in many places by the encroach-"ment of the sand; and the late Mr. Roger Walker, Q.C., had also carried it out with success "on the other side of Sligo Bay.

"Mr. Wynne, of Hazlewood; Mr. Folliott, Sir Robert Ferguson, and others, have, for "many years, watched these improvements with interest, and conversed with me on the "subject, and the example is a most useful one.

"The sheep drainage, or surface drainage of wet mountain pasture, executed for Sir "Robert Ferguson in Donegal, was formerly reported on, with details of Mr. Anderson's "mode of carrying out the work under experienced men brought over from Scotland for "the purpose.†

"The agent for the property now informs me that he considers the result satisfactory, "and sufficient to repay the outlay. He states that the rent is readily obtained after the "drainage, and, in consequence of the improvement effected thereby, is sufficient to repay "the annual charge for the outlay. He states that, with the experience the Irish labourers "have obtained after working under the Scotchmen, they can now execute the surface "drainage at about an average of 3*s.* 6*d.* to 4*s.* per acre; and he thinks the improvement "is quite such as to render it worth while to continue it. On due consideration of the "change in the quality of the pasture effected by the expenditure of several years past, I "may mention that the proprietor of a neighbouring mountain informed me Sir Robert "Ferguson's drainage has compelled the grouse to desert him and go to the drained hills "opposite which was an evident loss to him, and a gain to Sir Robert, irrespective of the "sheep question; and this would apparently denote an improvement in dryness and tem-"perature that must tell on the pasture."

* See also page 12 of Annual Report for 1856. † See page 12 of Annual Report for 1855.

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Land Improvement.

Counties of Roscommon, Mayo, Sligo, and part of Galway. Mr. Rich. Irwin, Inspector of Drainage.

Mr. Richard Irwin, Inspector of Drainage for the counties of Roscommon, Mayo, Sligo, and part of Galway, reports as follows:—

"The works inspected and certified since I had the honour of transmitting my Report "for 1856, exceed, in extent and amount, those reported on in any of the three previous "years; and although the larger loans are now fully expended and accounted for, several "of the minor and more recent are still in progress; and these, added to four new loans "which have been made within the past year, continue to afford useful and remunerative "employment in many parts of the district. Of the new loans, one of £300 (exclusively "for thorough drainage) has been granted to Mr. H. S. P. Mahon, whose previous "loans have (as stated in the various progress Reports) been expended in the best and "most effective manner, under the direction of his agent, Mr. T. Roberts; and a second "(amount, £400) to Mr. Patrick O'Connor, for thorough drainage and the improvement "of an important watercourse in the barony of Ballymoe, and county of Roscommon; the "third, of £300, to Mr. Charles P. Archer (barony of Ballynahinch, and county of Galway); "and the fourth, £1,000, to Rev. William Palmer (barony of Erris, and county of Mayo), "being granted for the improvement of estates situated in remote and almost uncultivated "parts of the province, but possessing agricultural capabilities and facilities for improve-"ment which cannot fail to insure an ample return for the proposed outlay.

"Having had, in the course of the past year, many opportunities of conversing on the "working of the Act with owners and occupiers of land in various parts of the counties of "Galway, Mayo, Sligo, and Roscommon, I feel much pleasure in being enabled to state "that I found that the several proprietors who had obtained and expended the loans were "unanimous in approving both of the measure itself and of the manner in which it has "been administered; and as a proof of the interest excited by the works, and of their "practical utility as examples of what can be effected by a judicious expenditure on the "improvement of landed property, I can now repeat what I have already stated in a former "Report—that the disposition to invest private funds in works of land improvement is "steadily increasing; and that although the works so executed may (with a few exceptions) "be individually of small extent, they form in the aggregate a very substantial and con-"tinually increasing amount of permanently valuable improvement. I have also observed "that proprietors who have expended loans under the Acts almost invariably take more "than usual interest in the lands so operated on, and that they are in many cases judi-"ciously following up the improvements by drainage by successful exertions to introduce "a better system of husbandry; and there can be no doubt that the occupiers of the im-"proved lands are, with very few exceptions, disposed to cultivate and manage their farms "in a manner quite superior to what was formerly practised. It is a remarkable, as well "as a gratifying, evidence of improved agriculture, that the practice of '*burning land*,' "which, but a few years ago, prevailed in very many parts of this district, is now nearly "unknown, as the small farmers, by attending to the collection and care of farm-yard "manure, and by increasing the quantity with a mixture of peat-mould, ditch scourings, "&c., now endeavour to render themselves independent of the destructive alternative of "burning the land, which was formerly resorted to as a matter of course. Several of this "industrious and improving class have assured me that they have been raised from "indigence and insolvency to comparative affluence by means of the improvement effected "by the drainage of portions of their farms, which, although previously incapable of pro-"ducing a remunerative crop, are now the most productive and profitable lands in their "possession.

"The drainage and reclamation of bog and moor, already referred to in several previous "Reports,* is making steady progress (chiefly by the expenditure of private funds) in every "part of the district, but more particularly in the county of Mayo, where the value of peat, "both as a soil and as a manure, appears to be better understood and appreciated than in the "neighbouring counties. In this important and profitable description of improvement, it "is certain that works carried out under the Land Improvement Acts have afforded a most "useful and beneficial example, chiefly by showing the advantage to be derived from drain-"ing with great regularity and to a much greater depth than had been previously practised "in the western districts.

"With respect to the execution of the works, there is nothing new to be added to the "statements contained in former Reports. The deep system of thorough drainage con-"tinues to be preferred; and on account of the abundance of stones almost everywhere "available, 'broken stone' drains are still generally adopted, although pipes have, on a "few estates, been employed with very satisfactory results. The extensive and well-"arranged tile works, established about ten years ago by Lord Clonbrock (near Knock-

* See Annual Report for 1856, page 14; and Annual Report for 1855, page 17.

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Land Improvement.

"croghery, in the barony of Athlone), and also a lesser tilery opened, some years later, on "the property of Viscount Dillon, in the barony of Frenchpark, have, unfortunately, been "discontinued; but pipe-tiles of excellent quality and workmanship are manufactured and "sold at very moderate prices at the tile works on the properties of Mr. Johnston, in the "county of Leitrim, and of Mr. Bond, in the county of Longford. The effect of the Land "Improvement works on the 'labour market' continues to be alike beneficial to the em-"ployers and the employed. In every case where improvements have been steadily carried "on, either by means of loans or with private funds, the services of good and skilful labourers "can still be had at a trifling advance on former rates of payment; while in others, where "employment, when given at all, was irregular, the securing a sufficient supply of labourers "on any terms has become difficult, and I believe the difficulty is rather increasing than "otherwise, notwithstanding the check which emigration appears to have latterly received. "Hence proprietors who have carried on their works steadily and continuously find no "difficulty in completing them, at the same time that others, whose operations were desul-"tory and frequently interrupted, have now reason to complain both of scarcity and the "high price of labour."

Counties of Dublin, Louth, Meath, Westmeath, Wicklow, Kildare, &c. Mr. W. F. Irwin, Inspector of Drainage.

Mr. W. F. Irwin, Inspector of Drainage for the Home District, including the counties of Dublin, Louth, Meath, Westmeath, Wicklow, Kildare, &c., reports that, although the works executed under his inspection in the year 1857 have been considerable, both in number and in extent, nothing of a novel character has presented itself, the whole consisting of ordinary thorough drainage, and works usually in connexion with it; that the cost of labour has continued to increase, which has necessarily diminished the extent of drainage operations. Formerly good labourers, constantly employed, could be had at 10*d.* per day; at present the rates vary from 1*s.* to 1*s.* 6*d.* per man per day. The rates for task-work have also increased nearly in proportion; consequently, under existing circumstances, those who undertake drainage works must submit to those advanced prices, which, if fairly met, there are few, if any, localities in Ireland in which extensive works may not be carried out; and it should be borne in mind that the task-work labourers are all trained hands, who understand their business, and execute the work in a perfectly satisfactory manner. During the past year he has visited drainage operations in many counties; and although seventy distinct works have been inspected and reported on, he has not met with one example of failure, though, in some cases, he found it necessary to direct that the minor drains should be sunk to a greater depth, so as to give sufficient discharge from the parallel drains, and thence to the main drain or outfall. At present the universal practice is to sink the parallel drains to the depth of four feet; and he has never met an instance in which proprietors, having commenced with deep drains from thirty to forty feet apart, returned to the former system of shallow drains, and from eighteen to twenty feet apart. In some cases, no doubt, forty feet apart is too distant for clayey soils, where rotatory husbandry is practised, though sufficient for pasture or meadow lands; but in such cases from twenty-five to thirty feet apart will be found effectual.

Queen's County. Mr. W. Hamilton, Inspector of Drainage.

Mr. William Hamilton, Inspector of Drainage for the Queen's County, reports, in reference to the operation of the Land Improvement Acts in the Queen's County, that the Acts continue to work satisfactorily in this county, the lands heretofore drained bearing ample evidence of the advantage derived from the application of their universally acknowledged beneficial provisions. Many people express regret that they did not avail themselves of loans when labour was more abundant; but although, no doubt, there is more difficulty in finding labourers for drainage works—especially in harvest and sowing times—than formerly, still the impediment is overrated, there being but few situations where the requisite hands could not be obtained to carry on improvement works at a reasonable rate in suitable seasons of the year. Although the amount applied for as new loans in the present year has not been large, it has been intimated to him by several proprietors that they are about to apply; and this is a satisfactory contrast with the year 1856, in which, as mentioned in his last Report, there was no new loan undertaken in this district.

County of Carlow, and Eastern Division of the Queen's County. Mr. Joseph Fishbourne, Inspector of Drainage.

Mr. Joseph Fishbourne, Inspector of Drainage for the county of Carlow and Eastern Division of the Queen's County, reports that, in submitting his ninth Annual Report on the working of the Land Improvement Act, he can only repeat his former statements—that the improvement in all localities in which he has been employed to report on drainage works is very striking. The difference between properties where this system of improvement has been adopted and encouraged is most manifest when compared with lands in the same locality which have not been operated on, and suffered to remain saturated with moisture. In all cases in which he has conversed with the owners and occupiers of properties which have been drained, they universally express their perfect satisfaction with regard to the results. In regard to the country generally, great improvements are observ-

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Land Improvement.

able in the habits, skill, and efficiency of labourers. Good trained labourers now prefer task-work to the old idle system; they work cheerfully under the authority of this Act, as their diligence and skill are appreciated by respectable and competent overseers; and abundance of such skilled labourers can be had to execute works at reasonable, though higher prices than formerly.

County of Wexford. Mr. Henry Newton, Inspector of Drainage.

Mr. Henry Newton, Inspector of Drainage for the county of Wexford, states that, in his Report for the year 1856, relative to the working of the Land Improvement Act, he omitted to mention that he had made an inspection of the works executed on the property of Mr. Robert J. Doyne, on the demesne of Wells, and surrounding townlands; that the improvement in the quality of the herbage was remarkable from thorough drainage alone. The land previously was covered with rushes, flaggers, and other aquatic plants, and so swampy that, except in a dry summer for a few months, cattle could not graze over it; at present the whole has become a valuable sheep-walk, every aquatic herb having disappeared. In the year 1857 he inspected works on the property of Mr. Smith, at Tinnock, barony of Gorey; Mrs. F. Irvine, Mr. A. Grattan Guinness, Mr. F. Bruen, in the barony of Ballaghkeen, in all which the drainage works have been well executed, and particularly those of Mr. Guinness, who is a most spirited and successful improver; in fact, he has converted a wilderness into a garden by thorough drainage, followed by high farming. In the barony of Scarawalsh, Mr. Richard Gason and the Rev. Charles Lett have, with great advantage, expended the last instalments of their loans. Mr. Cadwallader Wilson has also expended his third instalment on the townland of Shanahona in a satisfactory manner; he has also made an inspection for a new loan for Captain Henry Alcock, in the barony of Shelmalier West; and Mr. Aylward, of Shankill, county of Kilkenny, has expended the whole of his original loan, and has requested him to prepare plans and estimates to enable him to obtain a second.

County of Tipperary. Mr. James J. Poe, Inspector of Drainage.

Mr. James J. Poe, Inspector of Drainage for the county of Tipperary, reports that the operations of the Land Improvement Acts during the year 1857, within his district, present no features different from those of the last few years. His inspections have been chiefly confined to the examination of works executed with the last instalment of the loans which had been issued to the proprietors, and the gross expenditure has been less than what it had been in the previous year. He was glad to find that the works had been maintained by the proprietors in a satisfactory manner, and the beneficial result of the thorough drainage, in particular, was frequently pointed to with much satisfaction by the occupier or the owner of the land on which the outlay had been made. Some few supplemental loans have been made in the district, which prove that the parties were well pleased with the result of their former outlay; and in some cases these loans (as on the estate of the late Mr. Smith Barry) have been expended altogether on the lands held by tenant farmers, who are all quite ready to pay the interest of the money so expended, in addition to their usual rents. It is gratifying to remark that the improved system of thorough drainage, which was comparatively unknown in the country when this Act came into operation, has been greatly extended. In passing through the country, on almost every farm which required drainage, he observed that more or less had been done by the farmer out of his own resources; and were increased facilities given by the opening of watercourses and rivulets, by the proprietor, much benefit would accrue to the country generally.

Some few applications for loans for farm buildings have been made in his district within the last year, but in general the applications are made for extensive farms only. Indeed the restricting loans to farms of £100 in annual value tends materially to diminish applications for loans for the erection of farm buildings, the greater number of farms in Tipperary being considerably under the limit.

County of Waterford. Mr. Arthur U. Roberts, Inspector of Drainage.

Mr. Arthur U. Roberts, Inspector of Drainage for the county of Waterford, reports that no new loans have been made in his district during the last year, and that the farmers, who are rapidly improving in the system of cultivating their land, do not now apply to the landlords to obtain loans for draining, but are anxious to drain with their own funds, provided about one-half of the actual cost be allowed them by the proprietor. Many works are now in progress on this principle, and the system of drainage adopted is similar to that required by the Commissioners of Public Works.

County of Limerick. Mr. John Cox, Inspector of Drainage.

Mr. John Cox, Inspector of Drainage for the county of Limerick, reports that he cannot supply much information of interest in a general report of the working of the Landed Property Improvement Acts within his district during the past year; but he can testify in favour of the continued advantages which the south-western counties have derived from the extensive works executed under the Acts.

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Land Improvement.

Since his Annual Report for 1856, he was required to make inspections on works under loans amounting to £36,000, on which he has certified for the due expenditure of £8,500, and returned bills of measurement for 1,800 acres of land thorough drained; nearly 10,000 perches of open main, besides a considerable amount of fencing, levelling, and farm-road making; many of the inspections have been in the northern district of the county of Kerry, which were chiefly winding-up loans sanctioned under the designs and recommendation of Mr. R. Bell, late Inspector; and he has the pleasure to state that the utmost satisfaction was expressed by the parties interested; and the works, as far as executed, are efficient and useful.

Central Division of the county of Cork, and South of county of Kerry. Mr. Samuel M. Hussey, Inspector of Drainage.

Mr. Samuel M. Hussey, Inspector of Drainage for the Central Division of the county of Cork and South of the county of Kerry, reports that, in the county of Kerry and East Riding of the county of Cork, the working of the Land Improvement Act for the year 1857 presents no new feature worthy of remark, while agriculturists are daily more alive to the advantages of drainage, &c., for which a loan may be obtained; yet from the scarcity of labour necessary to carry on improvements on an extensive scale, and from the fact of the farmers now being (as compared with other years) in affluent circumstances, few new loans are applied for; although those persons who have obtained and expended loans, express themselves as becoming daily more convinced of the advantages derivable from the Land Improvement Act. He lately visited a farm of 150 acres, which had been leased for a long term from a nobleman, in the south of Kerry, at 7*s.* an acre; the tenant expended on it a loan of £400; and by this expenditure, and subsequent judicious cultivation, the land was raised in value to 18*s.* an acre, and has been let at that rate.

Northern Division of the county of Cork. Mr. H. Longfield, Inspector of Drainage.

Mr. H. Longfield, Inspector of Drainage for the Northern Division of the county of Cork, reports that, owing to the completion of the works, few inspections were made in his district during the year 1857, and those required were chiefly confined to final inspection. He found in every instance, that the proprietor who obtained the loan was much pleased with the result of the drainage; and Mr. Leader, of Dromagh Castle, who executed most extensive works, has been amply remunerated for the expenditure, which returns more than 6½ per cent.; and has enabled him to introduce a regular system of rotative husbandry on an extensive scale, on land that previously was of little value.

North-west Division of the county of Cork. Mr. Michael Boyan, Inspector of Drainage.

Mr. Michael Boyan, Inspector of Drainage for the North-western Division of the county of Cork, reports that very few loans were granted during the last year; and the works that have been commenced previous to 1857 are all completed, and he is happy to say, that the landowners and farmers, who have undertaken drainage works, are fully satisfied with the result; and the works finished are, in general, in fair condition. A large portion of this extensive barony, Duhallow, stands in need of thorough drainage, but the high price of labour and the scarcity of labourers, during the past year, has prevented applications to the Board for further loans.

Eastern Division of the county of Galway. Mr. Charles S. Cooper, Inspector of Drainage.

Mr. Charles S. Cooper, Inspector of Drainage for the Eastern Division of the county of Galway, reports that during the last year the operations under the Land Improvement Acts in this district have been on a very limited scale. Only two new loans have been sanctioned, and six progress inspections made of works commenced under former loans. He has, therefore, only to report (as mentioned in his previous report), "That the works "continue to be carried out in the same beneficial and satisfactory manner as in former "years, and there is not a case in which the system of deep drainage has been adopted, "viz., for main drains, five feet, and minor drains, four feet, that the beneficial effects have "not been acknowledged." Three cases of farm buildings works are now in progress, and the execution, as far as it has proceeded, is very substantial and satisfactory.

Public Buildings.

PUBLIC BUILDINGS.

The buildings heretofore in charge of the Board have been maintained in good order during the past year, and such of those lately transferred to this department as most required repair have been attended to. Owing, however, to the remote situations of many of the small National Schools, a considerable difficulty has been experienced in effecting arrangements with Contractors for their repair, as the Contractors for the repairs of Barracks, &c., under the War Department, whose services we expected to obtain, have declined undertaking the works of this Board at the same rates as were paid by that

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Department. Measures are, however, being taken to procure rateable tenders for works in specified districts, by separate contracts. *Public Buildings.*

No new school-houses have been erected during the past year under our directions, and more delay has taken place than we expected in proceeding with them, particularly at Omagh, where the tenders on the approved plans were so much in excess of the estimate as to render it necessary to make new designs.

The new building for a Custom House, Post Office, Inland Revenue Office, &c., at Belfast, was completely finished and occupied by the different public departments in the early part of last year.

The new Female Convict Prison is nearly finished, and will be fit for occupation in June, 1858.

A contract has been entered into for the erection of the new buildings at the Four Courts, for the accommodation of the Incumbered Estates Commissioners, and the works are progressing satisfactorily.

The usual works of repairs and maintenance have been executed at the Royal Hibernian Military School, in the Phœnix-park.

The works which were recommended by the Commissioners for Inquiring into the Erection of Lunatic Asylums, and sanctioned by your Lordships, are being proceeded with by the respective Boards of Governors at the different buildings.

The care and maintenance of the various Police Barracks and Stations connected with the establishment of the Dublin Metropolitan Police having been confided to this Board, the necessary works are executed accordingly, from time to time, on the application of the Police Commissioners.

POST ROADS.

Post Roads.

Act 6 and 7 Wm. IV., cap. 116.

On the application of the Postmaster-General, under the 61st section of the above Act, repairs have been executed, during the past year, on thirteen roads, situated in the following counties, viz.:—

Donegal. Down. Galway. Leitrim. Limerick. Queen's County.
Tipperary. Tyrone. Waterford. Westmeath.

These repairs have been executed under the superintendence of the respective County Surveyors, at a cost of £1,209 17*s.* 7*d.*, repayable by Grand Jury Presentment at subsequent Assizes.

ARTERIAL DRAINAGE,

Arterial Drainage.

With Improvement of Navigation and Water-power, under the Acts 5 & 6 Vict., cap. 89; 8 & 9 Vict., cap. 69; 9 Vict., cap. 4; 10 & 11 Vict., cap. 79; 16 & 17 Vict., cap. 130; 18 & 19 Vict., cap. 110; and 19 & 20 Vict., cap. 62.

The same causes which, during previous years, have operated to retard the progress of the works of Arterial Drainage, as more especially referred to in our Report for 1856, have been equally in force during the past year; and, notwithstanding the efforts that have been made to bring these works to a close, fourteen districts still remained at the end of the year under our charge.

Of the greater number of these districts, however, the works may now be said to be completed; and in respect of several the requisite steps, preliminary to award, are at present in course of being taken. Those of them, three in number, referred to below as having been reported on by the Commissioners of Special Inquiry during the year, have subsequently been finally closed and transferred to the care of Trustees; and in regard to the remainder, the little that remains, in general, to be done, leaves no room to doubt of their being brought to completion at an early date. The Inny District, to the remote prospect of completing which to the full extent originally proposed attention was directed in our last Report, has since been reported on by the Commissioners of Special Inquiry; and in accordance with their recommendations as to the limitation of the district the works are now being carried on, and to that extent will, probably, be completed during the present season.

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Arterial Drainage.

The districts in respect of which Final Awards have been made during the past year, are eight in number, and are detailed in the subjoined table. Amongst these appear the "Youghal Slob Lands," the obstacles to which had so long stood in the way of their transference to the sole proprietor having ultimately been overcome. In regard to the Slob Lands at Clonakilty, they remain in the same position as heretofore, the responsibility of their charge still resting with the public; steps will now, however, be taken at an early period for finally disposing of them.

The following are the districts referred to, eight in number, on which Final Awards have been made during the past year, together with the amounts charged upon the lands by those Awards, and the amounts remitted under the provisions of the Acts 16 & 17 Vict., cap. 130.

Districts.	Date of Award.	Area Improved.			Total Expenditure.			Amount presented for County Bridges.			Amount charged on District.			Amount remitted.		
	1857.	A.	R.	P.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Youghal, . .	18 Feb., .	224	0	0	22,776	0	0	—			7,000	0	0	15,776	0	0
Cappagh, . .	27 March, .	2,577	3	27	16,265	8	1	396	0	0	7,140	0	0	8,729	8	1
Balla, . .	6 April, .	1,759	2	20	18,213	15	2	716	5	11	3,900	0	0	13,597	9	3
Lough Lannagh,	7 April, .	1,750	2	5	18,445	7	4	1,306	0	8	4,100	0	0	13,039	6	8
Shrule, . .	15 April, .	3,207	0	5	30,573	19	3	932	0	1	7,500	0	0	22,141	19	2
Monivea, . .	24 April, .	1,481	0	0	16,896	1	1	1,228	12	11	5,092	0	0	10,575	8	2
Dunkellin, . .	7 Sept., .	5,565	0	31	42,959	12	9	826	9	7	15,340	0	0	26,793	3	2
Kilbeggan, .	15 October,	5,498	2	15	29,959	8	7	—			8,850	15	0	21,108	13	7
" Mills,	"	15	2	4							1,290	4	3			
Totals, .	—	22,079	1	27	196,089	12	3	5,405	9	2	60,212	19	3	131,761	6	1

Reports have been made by the Commissioners of Special Inquiry on the following districts:—

Mask and Robe, Keenagh, and Lough Gara and Mantua, the results of the awards on which will appear in the next Annual Report.

Supplemental awards have been made during the year, by the direction of your Lordships, on the recommendation of the Commissioners of Special Inquiry for four districts, the amounts remitted being as follows:—

District.	Date of Supplemental Award.	Amount remitted. £	s.	d.
Oranbill, ...	13 February, 1857, . .	1,031	0	0
Cahore, ...	26 " " . .	1,020	3	5
Boley, ...	6 April, " . .	780	14	7
Lorrha, ...	29 " " . .	649	19	3
	Total, . . .	3,481	17	3

The erection of collectors and lock-keepers' houses on the Ballinamore and Ballyconnell Canal (Shannon and Erne Junction Navigation) and on the Lower Bann has been completed, and the works generally have been put in repair on these as well as the Lough Corrib Navigation; in which latter also some obstructions have been removed, and additional facilities for trade have been provided. The little dredging which remains to be effected, and which is in progress, will not now stand in the way of the transference of these works, undertaken in connexion with Arterial Drainage, to the Trustees appointed on behalf of the counties interested under the Act 19 & 20 Vict., cap. 62, and they are now under the consideration of the Commissioners of Special Inquiry for report to your Lordships, as to the measures which should be taken in regard to them.

The whole expenditure charged against the different undertakings commenced under the Arterial Drainage Acts, including £69,721 for works chargeable to counties, amounted at the end of 1857 to £2,280,060, of which £77,089 is due to the expenditure during 1857, the sum of £32,561 being included in the last-mentioned amount for interest on the loans obtained for the districts not completed. Of the total expenditure £999,026 may be considered to have been on the completed districts, of which £410,535 has been remitted, and £1,281,034 to have been on districts not yet closed.

The repayments in respect of the completed districts amount to £241,358, including £43,603 for works charged to counties, and also the interest included in the instalments paid by the proprietors charged by the awards.

The usual returns connected with the expenditure on these works, and the usual extracts from the reports of the Engineers in charge of them, are appended to this Report.

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PIERS AND HARBOURS.

Piers and Harbours.

Kingstown Harbour.

Your Lordships having complied with the application to extend the new Steam Packet Pier 100 feet beyond what was designed, so as to admit of berths for two of the large class of Steam Packets on each side, the completion of this work, together with the Railway approach thereto, is necessarily retarded; it is, however, available for, and used by Steam Packets; and will, it is expected, be entirely finished by next October. The general works have been maintained as usual, and the sea-slopes strengthened.

The following is a return of the vessels that have used the Harbour in the last year:—

	Number.	Tonnage.
To and from the port of Dublin, waiting wind or tide, sailing vessels,	692	92,405
To and from the port of Dublin, waiting wind or tide, steamers,	45	13,194
From English, Irish, Scotch, and Foreign ports, to Irish ports,	332	23,064
From English, Scotch, and Foreign to English and Scotch ports,	208	20,463
From Irish ports to English, Scotch, and Foreign ports,	229	12,392
From English and Scotch ports to Foreign ports,	69	10,133
For orders,	38	3,991
To Kingstown, transports and colliers,	264	39,771
Men-of-war and Cruisers,	12	—
Total, 1857,	1,889	215,413
In the previous year the numbers were,	1,760	203,880

Harbours of Howth, Dunmore, and Donaghadee.

Nothing beyond the ordinary repairs has been found necessary for the maintenance of these works for the past year.

Tarbert Pier.

The works are approaching completion.

INLAND NAVIGATIONS.

Inland Navigations.

The works of the Shannon, Tyrone, Boyne, and Maigue Navigations are in good working order. The ordinary repairs have been sufficient for their maintenance.

We have the honour to be,

Your Lordships' obedient servants,

Signed,

RICHARD GRIFFITH.
JOHN RADCLIFF.
J. G. M'KERLIE.

EDWARD HORNSBY, *Secretary.*

Office of Public Works, Dublin,
31*st May*, 1858.

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APPENDIX A.

LOANS AND GRANTS.

ACCOUNTS.

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(A.)—Abstract of the Accounts of the Commissioners of Public Works in Ireland, showing the Total of

References to Account.	Page	Heads of Account.	Balances on the 31st December, 1855.	Issues from Consolidated Fund on Loan. (Through the Paymaster of Civil Services.)	Repayments on Account of Loans. (Through the Paymaster of Civil Services.)	Received.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.
		Loan Accounts.				
A 1	24	Abstract of Total Issues and Repayments, under Acts 1 & 2 Wm. IV., c. 33, and 6 & 7 Vic., c. 44, classified,	—	—	—	—
A 2	26	Public Works Loans (Exchequer Bills), 1 & 2 Wm. IV., c. 33,	—	—	19,851 9 11	—
A 2	26	Public Works and Arterial Drainage Loans (Consolidated Fund), 6 & 7 Vic., c. 44, &c.,	—	116,678 12 3	88,379 14 9	—
A 3	34	Shannon Loans (Exchequer Bills), 2 & 3 Vic., c. 61,	—	—	4,489 8 2	—
		Labouchere Drainage (Consolidated Fund), 10 Vic., c. 10,	—	—	11,916 12 1	—
		Land Improvement Loans (ditto), 10 Vic., c. 32,	—	27,673 9 10	102,928 6 11	—
A 4	34	Loans by late Commissioners (ditto), 57 Geo. III., c. 34,	—	—	6,179 19 11	—
		Service Accounts.				
A 5	36	Grant Loans, 1 & 2 Wm. IV., c. 33, and 1 & 9 Vic., c. 21 & 1,	1,686 4 0	—	—	67 13 1
A 6	36	River Drainage, 5 & 6 Vic., c. 89; 9 Vic., c. 4; 8 & 9 Vic., c. 69, &c., viz.:— 1. Works Account, 2. Liability Account,	—	—	—	135,435 7 1
A 7	38	Land Improvement Preliminaries, 10 Vic., c. 32,	612 0 1	—	—	332 3 9
A 8	40	Shannon Navigation, Rents and Tolls, 2 & 3 Vic., c. 61, &c.,	8,317 17 4	—	—	3,722 19 5
A 9	40	Parliamentary Votes and Grants, viz.:— 1. Salaries and Incidents of Office, 2. Public Buildings, 3. Inland Navigation, Tyrone and Maigue, 4. Harbours of Howth, Dunmore, & Donaghadee, 5. Kingstown Harbour, 6. Convict Prisons, 7. Female Convict Prison, 8. Philipstown Iron Prison, 9. Iron Huts for Convicts at Cork and Lusk, 10. Juvenile Convict Prison, Lusk, 11. Central Criminal Lunatic Asylum, 12. Constabulary Depot Barracks, Phœnix Park, 13. Belfast Custom-House, Post Office, &c., 14. Four Courts Extension, 15. Land at North Wall, 16. House of Industry Hospitals, 17. Westmoreland Lock Hospital,	12,279 7 2	—	—	112,162 12 8
—		Maintenance of Roads, &c., (See Miscellaneous),	—	—	—	—
A 10	44	Employment of Labouring Poor, 9 & 10 Vic., c. 107,	2,517 3 9	—	—	20 1 7
A 11	46	Miscellaneous Services, viz.:— 1. Piers, Harbours, &c., 2. Maintenance of Roads, &c., 3. Receivers' Accounts for Loans, 4. Boyne Navigation, 5. District Lunatic Asylums, 6. Sundry Accounts,	—	—	—	34,436 19 9
			25,412 12 4	144,352 2 1	233,745 12 6	286,167 17 4

Office of Public Works, Dublin,
February 26, 1858.

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Sums intrusted to their Management for Collection or Disbursement for One Year, ended 31st December, 1857.

Balances Overdrawn on the 31st December, 1857.	Totals.	Overdrawn Balances from Accounts of 1856.	Issued on Loan by Board's Certificates on the Paymaster of Civil Services.	Payments to the Consolidated Fund, through the Paymaster of Civil Services.	Disbursements on Account of Public Works or Services.	Balances on the 31st December, 1857.	Totals.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
—	—	—	—	—	—	—	—
—	19,851 9 11	—	—	19,851 9 11	—	—	19,851 9 11
—	205,058 7 0	—	116,678 12 3	88,379 14 9	—	—	205,058 7 0
—	4,489 8 2	—	—	4,489 8 2	—	—	4,489 8 2
—	11,916 12 10	—	—	11,916 12 10	—	—	11,916 12 10
—	130,601 16 9	—	27,673 9 10	102,928 6 11	—	—	130,601 16 9
—	6,179 19 11	—	—	6,179 19 11	—	—	6,179 19 11
—	1,753 17 1	—	—	—	—	1,753 17 1	1,753 17 1
166,862 1 5	302,297 6 6	181,890 3 1	—	—	140,407 5 5	—	302,297 8 6
10 8 1	954 11 11	—	—	—	954 11 11	—	954 11 11
—	12,040 16 9	—	—	—	3,244 1 8	8,796 15 1	12,040 16 9
—	124,431 19 10	—	—	—	119,772 17 4	4,659 2 6	124,431 19 10
—	—	—	—	—	—	—	—
—	2,537 5 4	—	—	—	—	2,537 5 4	2,537 5 4
—	34,436 19 9	439 15 3	—	—	30,561 1 8	3,436 2 10	34,436 19 9
166,872 9 6	856,550 13 9	162,329 16 4	144,352 2 1	233,745 12 6	294,939 18 0	21,183 2 10	856,550 13 9

John Trimmer, *Accountant.*

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(A 1.)—ABSTRACT of LOANS made by the COMMISSIONERS of PUBLIC WORKS, under the Provisions of Acts 1 & 2 Wm. IV., cap. 33, and subsequent Acts, classified under Counties and other general heads, and showing the Total Issues and Repayments to the 31st December, 1857.

COUNTY, &c.	PURPOSE OF LOAN.	Amount of Exchequer Bills issued.	Issued under 6 & 7 Vict., c. 44.	REPAYMENTS. Principal.	REPAYMENTS. Interest.	Principal remitted.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Antrim County,	For making and improving roads, court-houses, &c.	64,450 0 0	85,551 1 2	142,559 6 5	17,850 11 0	—
Armagh County,	Ditto,	—	2,507 10 9	2,507 10 9	564 19 10	—
Carlow County,	Ditto,	5,650 0 0	—	5,650 0 0	592 5 6	—
Carrickfergus, (County of the Town,)	Ditto,	1,450 0 0	2,993 10 0	4,443 10 0	689 0 4	—
Cavan County,	Ditto,	29,500 0 0	6,426 8 0	35,915 4 6	5,898 6 5	—
Clare County,	Ditto,	17,250 0 0	529 11 8	17,598 18 6	1,906 17 2	—
Cork County,	Ditto,	3,200 0 0	1,251 15 10	4,385 10 [illegible]	325 14 3	—
Cork, County of the City,	Ditto,	—	1,500 0 0	1,500 0 0	271 11 8	—
Donegal County,	Ditto,	14,150 0 0	3,407 5 0	17,557 5 [illegible]	1,851 7 9	—
Down County,	Ditto,	5,950 0 0	—	5,950 0 0	288 16 4	—
Dublin City,	Ditto,	—	1,211 6 8	1,211 6 8	42 11 11	—
Dublin County,	Ditto,	2,450 0 0	3,088 11 1	5,538 11 1	672 4 1	—
Fermanagh County,	Ditto,	4,950 0 0	100 0 0	4,950 0 0	871 1 7	—
Galway County,	Ditto,	23,850 0 0	7,102 14 [illegible]	30,918 6 6	1,628 19 7	—
Galway Town,	Ditto,	600 0 0	500 0 0	886 9 7	176 18 11	—
Kerry County,	Ditto,	57,950 0 0	18,144 9 6	76,094 9 6	8,966 8 1	—
Kildare County,	Ditto,	4,850 0 0	1,752 10 0	6,602 10 0	1,407 3 6	—
Kilkenny County,	Ditto,	29,350 0 0	—	29,350 0 0	3,238 9 4	—
King's County,	Ditto,	1,550 0 0	4,888 17 3	6,438 17 3	1,011 0 11	—
Leitrim County,	Ditto,	7,650 0 0	—	7,650 0 0	1,233 2 4	—
Limerick City,	Ditto,	1,150 0 0	2,781 8 [illegible]	3,375 14 0	832 19 8	—
Limerick County,	Ditto,	2,700 0 0	10,318 18 9	9,613 17 4	2,293 8 11	—
Londonderry Co.	Ditto,	1,250 0 0	—	1,250 0 0	304 10 9	—
Longford County,	Ditto,	—	4,387 1 4	3,755 1 5	874 17 5	—
Louth County,	Ditto,	6,250 0 0	3,300 0 0	9,464 13 3	1,373 10 0	—
Mayo County,	Ditto,	9,150 0 0	3,288 0 0	12,438 0 0	1,414 5 3	—
Meath County,	Ditto,	—	2,347 18 2	1,503 3 11	456 6 4	—
Queen's County,	Ditto,	3,700 0 0	3,963 0 0	7,552 5 10	600 16 5	—

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(A 1.) ABSTRACT of LOANS made by the COMMISSIONERS of PUBLIC WORKS, under the Provisions of Acts 1 & 2 Wm. IV., cap. 33, and subsequent Acts, classified under Counties and other general heads, and showing the Total Issues and Repayments to the 31st December, 1857—*continued.*

COUNTY, &c.	PURPOSE OF LOAN.	Amount of Exchequer Bills issued.	Issued under 6 & 7 Vict., c. 44.	REPAYMENTS. Principal.	REPAYMENTS. Interest.	Principal remitted.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Roscommon Co.,	For making and improving roads, court-houses, &c.	18,350 0 0	1,434 0 0	19,784 0 0	1,316 11 9	—
Sligo County,	Ditto,	2,100 0 0	6,206 8 9	7,883 2 3	1,119 0 5	—
Tipperary County,	Ditto,	7,250 0 0	2,709 5 11	9,947 5 0	759 12 2	—
Tyrone County,	Ditto,	2,300 0 0	—	2,300 0 0	370 4 3	—
Waterford County,	Ditto,	1,850 0 0	398 14 0	2,248 14 0	122 10 0	—
Waterford City,	Ditto,	1,550 0 0	—	1,550 0 0	75 7 5	—
Wexford County,	Ditto,	35,550 0 0	15,405 11 0	49,006 1 10	6,272 12 8	—
Wicklow County,	Ditto,	—	7,558 1 10	5,887 14 1	1,367 17 1	—
Westmeath County,	Ditto,	—	1,065 1 8	845 8 3	184 13 8	—
Roads & Bridges,	For Roads, Bridges, &c.,	40,700 0 0	3,000 0 0	30,878 8 1	13,310 10 1	1,137 10 0
Sundry Harbours, Docks, &c.,	In aid of construction,	143,850 0 0	80,500 0 0	45,732 18 7	69,672 17 6	—
Inland Navigation,	Improving Works, &c.,	34,750 0 0	20,000 0 0	8,871 16 3	25,059 5 8	—
Public Buildings,	Erection and completion of Works, &c.,	128,250 0 0	6,550 0 0	130,133 16 11	49,827 12 1	1,203 15 4
Railways,	In aid of construction, &c.,	157,200 0 0	—	136,470 18 7	73,492 4 7	—
Miscellaneous,	In aid of Sundry Works,	14,250 0 0	300 0 0	14,550 0 [illegible]	3,043 4 8	—
Piers & Harbours,	Act 9 Vic. c. 3, and 10 and 11 Vic. c. 75,	—	33,886 8 11	12,564 6 10	353 5 4	0 0 1
River Drainage,	Act 5 & 6 Vic. c. 89,	—	1,809,101 17 11	58,412 16 5	197,722 11 3	410,535 3 2
Exchequer Bills issued and afterwards relodged,		3,700 0 0	—	3,700 0 0	361 14 7	—
	£	890,650 0 0	2,139,457 4 2	997,427 18 7	502,070 0 5	412,876 8 7

Office of Public Works, Dublin,
February 26, 1858.

JOHN TRIMMER, *Accountant.*

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(A 2.)—A Statement of Loans made by the Commissioners of Public Works in Ireland, showing Balance outstanding

No. of Loan.	NAME OF PARTY.	PURPOSE OF LOAN.	Over-payments.	BALANCE outstanding, January 1, 1857. Principal.	BALANCE outstanding, January 1, 1857. Interest.	Amount issued within the Year.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.
	Act 1 & 2 Wm. 4, c. 33.					
6, 70	Limerick Navigation Company,	To improve Works,	–	9,668 15 0	2,274 1 7	–
15, 80, 103	Limerick Bridge Commissioners,	Completing Bridge and Docks, Purchasing and constructing Quays,	–	64,277 6 5	10,683 4 7	–
20, 126, 157	Galway Dock Commissioners,	Constructing Dock and completing Works of Harbour,	–	19,322 14 10	2,788 8 4	–
113	Boyne Navigation Company,	For improvements,	–	223 13 3	–	–
28, 255	Newry Navigation Company,	Improving Works and extension of Canal,	–	15,878 3 9	304 10 2	–
3	Ardglass Harbour Commissioners,	Completing Works of Harbour,	–	6,650 0 0	6,474 7 6	–
18	Athlunkard Bridge Commissioners,	Completing Works of Bridge,	–	9,850 6 0	3,787 6 6	–
31, 101	Dublin and Kingstown Railway,	In aid and extension of Railway,	–	37,621 16 6	–	–
212	Ulster Canal Company,	Completing of Works,	–	10,000 0 0	8,062 6 6	–
			–	173,492 8 9	43,359 4 11	–
	Act 6 & 7 Vic., c. 44.					
1174	Antrim County,	Road, Ballycastle to Ballymena, by Glenbush,	–	39 13 7	0 16 8	–
1376	Ditto,	Road, Coleraine to Portrush,	–	45 1 6	0 18 9	–
1379	Ditto,	Road, Ballymena to Cushendall,	–	362 16 0	7 11 2	–
1380	Ditto,	Road, Ballymoney to Portrush,	–	604 1 0	12 11 6	–
1381	Ditto,	Completing ditto,	–	583 13 11	12 3 6	–
1382	Ditto,	Road, Ballymoney to Cushendall,	–	93 4 2	1 18 9	–
1383	Ditto,	Road, Ballymena to Portglenone,	–	1,681 7 2	35 0 1	–
1511	Ditto,	Road, Ballymena to Cushendall, by Glenariff	–	1,626 18 8	21 7 8	–
1532	Ditto,	Road, Larne to Carrickfergus,	–	6,046 6 6	126 17 10	556 6 6
948	Armagh County,	Road, Stewartstown to Antrim,	–	13 8 3	0 5 9	–
949	Ditto,	Road, Lurgan to Lisburn,	–	15 11 3	0 7 0	–
950	Ditto,	Road, Tandaragee to Portadown,	–	12 10 9	0 5 9	–
953	Ditto,	Road, Lurgan to Stewartstown,	–	7 16 9	0 3 6	–
982	Ditto,	Road, Richhill to Dungannon,	–	6 1 6	0 2 8	–
1044	Ditto,	Road, Portadown to Charlemont,	–	76 0 4	1 13 4	–
1077	Cavan County,	Road, Ballieboro' to Kingscourt,	–	69 2 3	1 10 6	–
1299	Clare County,	Road, Fermoyle to Caherbollog,	–	113 11 10	2 12 10	–
1424	Ditto,	Ditto, Ditto,	–	15 6 4	0 6 11	–
1482	Ditto,	Repairing Pier at Ballyvaughan,	–	107 7 0	2 9 7	–
1321	Cork County,	Road, Kanturk to Limerick,	–	28 1 7	2 8 1	–
1402	Ditto,	Road, Kanturk to Killarney,	–	25 19 1	1 16 1	–
1425	Ditto,	Road, Middleton and Cloyne to Whitegate,	–	35 18 2	2 9 11	–
1426	Fermanagh County,	Road, Lisbellaw to Brookborough,	–	100 0 0	22 2 6	–
1483	Galway County,	Road, Ballygar to Castlerea, (196 perches),	–	35 6 4	6 14 7	–
1500	Ditto,	Road, Roscommon to Dunmore,	60 2 8	–	–	–
1512	Ditto,	Road, Athenry to Tuam,	–	6 0 9	0 16 6	–
1513	Ditto,	Bridge across River of Bunowen,	–	140 14 3	2 18 9	–
1514	Ditto,	Road, Ballinasloe to Ahascragh,	–	94 0 0	1 19 2	–
1516	Ditto,	Bridge at Coolaspuddane,	–	49 13 7	1 6 16	–
1403	Galway Town,	Road, Fahybeg to Nile Lodge,	–	153 13 2	6 14 3	–
1404	Ditto,	Sewerage Works in Town of Galway,	–	24 17 0	0 12 1	–
1456	Ditto,	Completing Works at Salt Hill,	–	79 1 7	1 18 1	–
1253	King's County,	Completing unfinished Relief Works,	–	512 5 4	10 8 5	–
1272	Limerick City,	Road, Askeaton to Limerick,	–	297 1 6	5 9 1	–
1673	Ditto,	Road, Limerick to Askeaton,	–	160 12 2	2 19 2	–
1484	Ditto,	For completing the Ashbourne Road,	–	248 7 0	4 11 1	–
1261	Limerick County,	Road, Limerick to Kilmallock,	–	5 16 9	0 2 6	–
1262	Ditto,	Road, Kilfinane to Tipperary,	–	227 4 2	4 15 2	–
1263	Ditto,	Ditto, Ditto,	–	140 6 0	2 18 8	–
1264	Ditto,	Ditto to Bruff,	–	7 16 8	0 6 4	–
1265	Ditto,	For completing the Bridge of Bosnelstown,	–	28 1 6	0 11 0	–
1266	Ditto,	Road, Pallasgreen to Cappawhite,	–	26 10 9	0 11 4	–
1267	Ditto,	Ditto to Kilcommon,	–	85 17 6	1 16 1	–
1268	Ditto,	Road, Cappamore to Emly,	–	12 5 5	0 5 1	–
1269	Ditto,	Road, Pallasgreen to Cappawhite,	–	68 18 6	1 8 11	–
1270	Ditto,	Road, Limerick to Charleville,	–	13 7 10	0 5 5	–
1271	Ditto,	Road, Adare to Ballingarry,	–	12 17 1	0 5 5	–
1308	Ditto,	Road, Limerick to Croom,	–	150 15 0	3 8 4	–
1309	Ditto,	Road, Limerick to Askeaton,	–	605 0 0	12 13 7	–
1310	Ditto,	Road, Limerick to Pallaskenry,	–	58 4 3	1 4 4	–
1311	Ditto,	Road, Askeaton to Limerick,	–	7 16 9	0 3 4	–
1312	Ditto,	Road, Limerick to Pallaskenry,	–	19 8 4	0 8 6	–
1313	Ditto,	Road, Limerick to Askeaton,	–	11 12 7	0 6 1	–
1314	Ditto,	Road, Court Bridge to Rathkeale,	–	8 8 1	0 3 4	–
1315	Ditto,	Road, Doon to Newport,	–	56 4 6	1 1 0	–
1358	Ditto,	Road, Newcastle to Kilmallock,	–	648 2 6	11 9 9	–
1359	Ditto,	Road, Newcastle to Newmarket,	–	301 12 4	6 6 7	–

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the Balance of each Loan on the 1st January, 1857, the Repayments within the Year, and the on December 31, 1857.

Interest accrued within the Year.	TOTAL.	REPAYMENTS.		BALANCE outstanding, December 31, 1857.		Over-payments.	No. of Loan.
		Principal.	Interest.	Principal.	Interest.		
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
386 16 3	12,329 11 16	–	–	9,668 15 9	2,666 10 10	–	5, 70
2,621 1 7	89,581 12 7	–	–	64,277 6 5	22,364 6 2	–	15, 80, 108
772 18 4	22,879 1 6	–	760 0 6	19,322 14 10	2,856 0 8	–	20, 126, 157
8 7 6	232 0 0	223 13 3	8 7 0	–	–	–	113
635 2 4	16,817 16 3	–	619 9 2	15,878 3 9	320 3 4	–	28, 255
206 0 0	13,390 7 0	–	–	0,650 0 6	0,746 7 6	–	3
394 6 0	14,031 6 3	–	300 0 0	6,856 0 0	3,881 6 3	–	18
1,250 8 3	38,872 9 9	16,862 14 1	1,107 5 11	20,720 1 5	143 2 4	–	31, 101
560 0 6	18,532 6 6	–	–	10,006 6 0	8,532 0 0	–	212
0,834 13 3	223,666 6 11	17,110 7 4	2,735 2 7	156,376 1 5	47,488 15 7	–	
	Nett Repayments, . £19,851 9 11						
6 0 7	40 19 10	39 13 7	1 6 3	–	–	–	1174
1 13 8	47 13 19	19 17 10	2 2 2	25 3 7	0 10 3	–	1378
11 18 0	382 5 11	214 17 7	16 9 1	147 18 5	3 6 16	–	1379
22 4 3	638 16 9	277 9 2	23 1 4	326 11 10	6 14 5	–	1380
19 3 0	615 0 2	347 17 1	26 9 3	235 16 16	4 17 0	–	1381
3 8 11	98 11 10	41 15 9	4 6 8	51 9 2	1 1 6	–	1382
62 13 11	1,779 1 2	742 6 1	78 8 1	939 7 1	19 5 11	–	1383
43 9 4	1,091 12 8	280 12 7	49 7 5	746 6 1	15 6 7	–	1511
270 5 5	6,092 8 9	1,627 3 9	204 6 9	4,969 1 9	101 17 0	–	1532
9 8 2	13 12 2	13 3 9	6 8 11	–	–	–	948
0 9 6	16 1 9	15 11 3	6 10 0	–	–	–	949
6 2 10	12 19 4	12 10 9	0 8 7	–	–	–	950
6 1 9	8 2 0	7 16 9	0 5 3	–	–	–	953
0 1 4	6 5 6	6 1 0	0 4 0	–	–	–	982
1 8 2	78 16 16	76 6 4	2 16 6	–	–	–	1044
1 11 3	72 3 11	57 18 9	2 16 8	11 3 6	0 5 6	–	1077
4 15 7	120 18 3	32 14 7	5 16 5	80 17 3	1 16 0	–	1209
0 16 4	16 6 7	2 18 3	0 14 11	12 8 1	0 5 4	–	1424
4 14 11	114 11 6	10 19 2	5 5 10	87 7 10	1 18 8	–	1482
1 8 0	31 17 8	–	–	28 1 7	3 16 1	–	1321
1 0 0	29 1 2	–	–	25 19 1	3 2 1	–	1402
0 18 11	39 2 0	23 8 0	3 0 3	12 5 2	0 8 7	–	1425
5 0 0	127 2 6	–	–	100 9 6	27 2 9	–	1426
1 2 4	37 3 3	19 4 11	1 6 9	16 1 5	0 16 2	–	1483
–	–	12 19 8	–	–	–	62 13 4	1509
0 6 3	7 3 0	6 6 9	1 2 3	–	–	–	1512
4 9 4	148 2 4	98 2 11	6 17 1	42 11 4	6 11 0	–	1513
2 17 3	98 16 6	70 9 9	4 10 3	23 16 3	9 6 2	–	1514
1 11 7	52 6 0	34 15 5	2 8 7	14 18 2	6 3 10	–	1516
7 1 1	164 8 6	16 15 5	7 6 7	136 17 9	9 8 9	–	1403
0 16 6	26 5 7	10 19 5	1 1 7	13 17 7	0 7 0	–	1404
3 7 6	84 6 9	10 0 6	3 13 9	62 15 1	1 11 7	–	1456
10 0 2	532 8 11	512 5 4	20 9 7	–	–	–	1259
13 10 8	316 1 3	75 16 2	17 18 6	221 5 4	1 1 3	–	1272
7 8 7	176 19 11	35 12 5	9 15 9	124 19 9	0 12 0	–	1372
11 14 9	264 12 16	38 17 5	15 5 9	209 9 7	1 0 1	–	1484
0 4 9	6 4 9	1 18 8	6 5 6	3 19 1	0 1 9	–	1261
8 18 6	246 17 19	80 3 16	10 8 10	147 6 4	3 4 10	–	1262
5 19 11	148 12 7	47 19 8	6 9 0	92 3 4	2 0 7	–	1263
0 6 0	8 0 0	2 17 11	6 7 1	4 13 9	0 2 3	–	1264
1 6 3	29 13 5	13 16 4	1 5 4	14 15 1	0 6 8	–	1265
1 6 11	28 9 9	9 5 3	1 4 9	17 5 6	0 7 9	–	1266
3 7 2	91 0 9	31 3 0	3 19 0	54 14 6	1 4 9	–	1267
0 9 7	13 6 1	4 4 0	0 11 2	8 1 5	0 3 9	–	1268
2 13 10	72 16 3	25 1 2	3 3 4	43 12 4	0 19 5	–	1269
0 10 7	14 3 10	4 9 0	6 12 0	8 10 16	0 4 0	–	1270
6 10 1	13 12 7	4 7 8	0 12 0	8 9 5	0 3 6	–	1271
6 5 6	160 3 10	42 3 11	7 0 9	108 11 1	2 8 1	–	1309
24 8 8	642 5 3	191 13 3	28 0 1	413 9 9	9 2 2	–	1309
2 8 6	61 17 1	10 4 4	2 14 4	41 10 11	0 18 8	–	1316
0 6 9	8 6 10	2 3 1	6 7 5	5 13 9	0 2 8	–	1311
0 16 1	20 12 5	6 8 3	6 17 11	14 6 1	0 6 2	–	1312
0 9 7	12 7 3	3 3 0	6 11 2	8 9 1	0 3 6	–	1313
0 6 9	8 18 2	2 11 11	0 7 6	5 10 2	0 2 8	–	1314
2 1 16	53 7 3	13 17 9	2 6 11	36 6 3	0 16 11	–	1315
23 12 3	583 4 6	125 14 2	25 15 10	422 9 4	9 6 2	–	1358
13 9 16	329 19 9	67 17 0	14 4 2	233 15 4	5 3 9	–	1359

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(A 2.)—A Statement of Loans made by the

No. of Loan.	NAME OF PARTY.	PURPOSE OF LOAN.	Over-payments.	BALANCE outstanding, January 1, 1857. Principal.	BALANCE outstanding, January 1, 1857. Interest.	Amount issued within the Year.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.
1360	Limerick County,	Road, Newcastle to Lisiowal,	–	46 9 9	0 19 3	–
1361	Ditto,	Road, Newcastle to Kilmallock,	–	177 6 4	3 14 2	–
1362	Ditto,	Road, Bruff to Newport,	–	26 15 11	0 11 4	–
1363	Ditto,	Road, Kilfinnans to Buttevant,	–	62 6 9	1 0 0	–
1364	Ditto,	Road, Galbally to Limerick,	–	72 2 11	1 10 2	–
1365	Ditto,	Road, Ballinlanders to Fermoy,	–	69 1 4	1 8 11	–
1427	Ditto,	Road, Cappamore to Limerick,	–	28 6 9	0 11 9	–
1428	Ditto,	Road, Limerick to Rathkeale,	–	52 0 4	1 1 10	–
1429	Ditto,	Road, Rathkeale to Askeaton,	–	58 4 9	1 4 4	–
1430	Ditto,	Road, Limerick to Waterford,	–	26 14 9	0 11 4	–
1431	Ditto,	Road, Pallasgreen to Emly,	–	14 16 4	0 9 3	–
1432	Ditto,	Road, Kilfinnane to Tipperary,	–	89 5 11	1 16 7	–
1433	Ditto,	Road, Doon to Cappamore,	–	52 13 8	1 2 3	–
1434	Ditto,	Road, Bruff to Croom,	–	54 4 7	1 2 8	–
1435	Ditto,	Road, Croom to Adare,	–	30 15 11	0 15 6	–
1534	Ditto,	Road, Limerick to Tralee,	–	1,240 9 1	25 19 9	–
1225	Longford County,	Construction of Roads, Barony Ardagh,	–	98 5 6	2 3 3	–
1226	Ditto,	Ditto, Ditto, Moydow,	–	182 10 3	2 18 8	–
1227	Ditto,	Ditto, Ditto, Abbeyshrule,	–	47 14 0	1 1 2	–
1228	Ditto,	Ditto, Ditto, Granard,	–	204 11 9	4 10 5	–
1229	Ditto,	Ditto, Ditto, Longford,	–	226 3 11	4 19 8	–
1230	Ditto,	Ditto, Ditto, Ratheline,	–	234 4 8	5 3 3	–
1159	Louth County,	Road, Dundalk to Carrickmacross,	–	148 10 1	3 8 2	–
1231	Meath County,	For completion of unfinished Relief Works,	–	257 11 9	5 19 6	–
1439	Ditto,	Road, Navan to Kingscourt,	–	20 0 7	0 9 3	–
1437	Ditto,	Road, Kingscourt to Dundalk,	–	200 13 3	4 19 1	–
1438	Ditto,	Road, Granard to Navan,	–	34 11 7	0 16 3	–
1439	Ditto,	Road, Kingscourt to Moynalty,	–	398 2 2	9 4 3	–
1440	Ditto,	Road, Navan to Ardee,	–	68 12 11	1 11 11	–
1441	Ditto,	Road, Athboy to Navan,	–	94 9 10	2 3 6	–
1248	Queen's County,	Road, Strand Bridge to Tolerton,	–	79 14 10	1 12 0	–
1249	Ditto,	Road, Ardentackle to Killeshon,	–	45 2 1	0 18 0	–
1250	Ditto,	Road, Rosenna to the Douglass Bridge,	–	21 15 9	0 8 10	–
1251	Ditto,	Road, Ardentackle to P. Browne's House,	–	118 14 4	2 7 7	–
1307	Sligo County,	Completing the Victoria Road,	–	584 3 7	13 5 7	–
1515	Ditto,	Road, Ballymoate to Boyle,	–	105 7 4	2 7 9	–
1385	Tipperary County,	Road, Roscrea to Portumna,	–	24 1 1	0 9 7	–
1389	Ditto,	Ditto, Ditto,	–	16 4 8	0 6 5	–
1158	Westmeath County,	Road, Mullingar to Rochford Bridge,	–	60 7 6	1 7 2	–
1221	Ditto,	Road, Tyrrellspass to Ballymore,	–	48 16 7	0 19 11	–
1302	Ditto,	Road, Mullingar to Ballymahon,	–	65 10 1	1 9 10	–
1371	Ditto,	Road, Granard to Oldcastle,	–	147 13 9	3 0 11	–
1442	Ditto,	Road, Moate to Ballycumber,	–	27 4 0	0 12 3	–
1254	Wexford County,	Road, New Ross to Wexford,	–	20 13 9	0 13 1	–
1255	Ditto,	Road, New Ross to Nash, Tinterne, &c.	–	7 13 9	0 3 6	–
1256	Ditto,	Road, Enniscorthy to Oulart,	–	48 12 11	1 1 4	–
1257	Ditto,	Ditto, Ditto,	–	121 11 5	2 13 2	–
1310	Ditto,	Road, Cahore to Enniscorthy,	–	69 1 0	1 10 1	–
1317	Ditto,	Road, Wexford to New Ross,	–	19 13 3	0 8 9	–
1318	Ditto,	Road, Enniscorthy to Kilkenny,	–	40 13 0	0 17 10	–
1319	Ditto,	Road, Tinahely to Gorey,	–	39 18 5	0 17 5	–
1368	Ditto,	Bridge on Road, Taghmon to Kilmore,	180 0 0	–	–	–
1443	Ditto,	Road, Enniscorthy and Taghmon to Kilmore,	–	513 2 1	11 3 0	–
1444	Ditto,	Road, Enniscorthy to Bagnalstown,	–	587 5 0	12 15 8	–
1445	Ditto,	Road, Wexford and Taghmon to New Rose,	–	97 11 8	2 2 9	–
1446	Ditto,	Road, Ferns to Bagnalstown,	–	712 8 9	15 10 2	–
1447	Ditto,	Road, from the Sea to Enniscorthy,	–	158 10 4	3 9 3	–
1465	Ditto,	Road, Carnew to Clonghall,	–	93 11 11	2 0 11	–
1466	Ditto,	Road, Campile to Wexford,	–	74 10 1	1 12 8	–
1467	Ditto,	Building a Bridge over Road, Oulart to Enniscorthy,	–	692 5 8	15 1 5	–
1468	Ditto,	Completing Road, Oulart to Enniscorthy,	–	126 10 8	2 15 4	–
1485	Ditto,	Road, Wexford to Duncormack,	–	283 13 6	0 3 9	–
1486	Ditto,	Road, Enniscorthy to Kilmuckridge,	–	72 7 10	1 11 4	–
1535	Ditto,	Road, Campile to Enniscorthy,	–	250 3 0	5 8 11	–
943	Wicklow County,	Road, Blessington to Naas,	–	2 11 6	0 1 3	–
1154	Ditto,	Road, Blessington to Wicklow,	–	20 0 8	0 8 5	–
1163	Ditto,	Road, Kelshebeg to Lady Butchinson's new road,	–	119 17 2	2 10 8	–
1164	Ditto,	Road, Kelshebounds to Kiltegan,	–	27 13 3	0 11 10	–
1165	Ditto,	Road, Donard to Snugboro' Bridge,	–	39 9 5	0 10 6	–
1166	Ditto,	Road, Donard to the Glen of Imaal,	–	12 1 11	0 5 1	–
1167	Ditto,	Road, Carnew to Ballinagate Bridge,	–	40 9 4	0 19 11	–
1168	Ditto,	Road, Rathdrum to Tinahely,	–	52 14 6	1 2 4	–
1169	Ditto,	Road, Kiltegan to Wicklow,	–	101 14 11	2 3 1	–
1237	Ditto,	Road, Blessington and Naas to Wicklow,	–	16 6 7	0 6 9	–
1238	Ditto,	Road, Ballinabarna Bridge, and River Deveen,	–	119 5 10	2 10 3	–
1239	Ditto,	Road, Ballinabarna and Ballineddin,	–	28 9 2	0 11 10	–
1241	Ditto,	Road, Crossford to Rathshanmore,	–	156 1 11	3 5 10	–
1242	Ditto,	Road, Wicklow to Roundwood,	–	150 11 10	3 3 9	–
1304	Ditto,	Road, Ballinguile Bridge to Talbotstown,	–	76 1 7	1 12 1	–
1305	Ditto,	Road, Baltinglass and Rathdrum to Wicklow,	–	76 0 1	1 12 1	–
1306	Ditto,	Road, Rathdrum to Tinahely,	–	430 4 3	9 1 5	–

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Commissioners of Public Works, &c.—*continued.*

Interest accrued within the Year.	TOTAL.	REPAYMENTS.		BALANCE outstanding, December 31, 1857.		Over-payments.	No. of Loan.	—
		Principal.	Interest.	Principal.	Interest.			
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
2 0 4	49 6 4	10 8 10	2 3 8	39 9 11	0 15 11	–	1360	
7 11 11	188 12 9	42 3 6	8 6 9	135 2 10	2 19 7	–	1361	
1 2 11	28 10 2	6 11 3	1 5 9	20 4 8	0 8 10	–	1362	
2 13 5	66 6 2	14 14 3	2 18 3	47 12 6	1 1 2	–	1363	
6 1 8	76 14 9	17 5 1	6 7 7	94 17 10	1 4 3	–	1364	
2 18 4	73 8 7	17 11 11	3 4 9	51 9 5	1 2 6	–	1365	
1 4 9	60 3 0	5 19 9	1 6 9	22 9 9	0 9 9	–	1427	
2 3 5	59 5 7	14 7 4	2 8 9	67 13 0	9 18 9	–	1428	
2 10 8	91 19 9	12 8 4	2 14 8	45 19 5	1 0 4	–	1429	
1 2 11	28 6 0	6 8 7	1 0 5	20 8 2	0 8 10	–	1430	
0 13 0	15 15 7	6 1 9	0 13 11	11 14 7	0 5 4	–	1431	
6 17 0	94 19 6	20 9 2	4 3 2	68 10 9	1 10 5	–	1432	
2 8 5	96 2 4	11 2 9	2 10 2	41 11 2	0 18 6	–	1433	
2 0 3	57 13 6	13 2 2	2 10 10	41 2 5	0 18 1	–	1434	
1 12 2	39 3 7	7 18 10	1 14 10	28 17 1	0 12 10	–	1435	
96 4 7	1,322 13 5	193 8 10	59 2 6	1,047 0 3	23 1 10	–	1594	
4 0 9	104 9 6	28 1 9	4 11 2	70 4 0	1 12 7	–	1225	
4 18 2	140 7 1	54 18 9	6 0 6	77 11 9	1 19 4	–	1226	
1 19 2	50 14 10	13 11 2	2 4 6	34 3 4	0 19 10	–	1227	
8 6 2	217 8 4	61 9 4	9 10 0	143 6 5	3 6 7	–	1228	
8 12 4	230 15 11	85 11 10	10 9 4	140 12 1	6 5 8	–	1229	
9 11 9	248 19 4	68 12 4	10 17 4	165 12 4	3 17 4	–	1230	
5 8 1	157 0 4	63 3 4	6 16 8	85 6 9	1 19 7	–	1159	
10 13 7	274 4 10	72 1 0	12 8 0	185 10 9	4 9 1	–	1231	
0 18 3	21 14 1	8 16 3	0 19 2	10 10 4	0 7 9	–	1439	
8 17 11	214 4 3	37 18 9	9 16 5	162 14 6	3 14 7	–	1437	
1 10 10	39 18 8	6 9 9	1 14 6	28 9 10	0 12 10	–	1498	
17 11 0	424 17 9	77 4 7	10 8 9	320 17 7	7 6 10	–	1439	
2 19 10	73 4 8	14 3 4	8 7 0	54 0 7	1 4 9	–	1440	
4 3 1	100 16 9	18 4 2	4 11 10	78 5 8	1 14 9	–	1441	
2 12 8	83 16 9	45 19 6	3 10 6	33 15 4	0 14 2	–	1248	
1 0 6	47 9 7	26 9 9	1 19 7	18 12 4	0 7 11	–	1249	
0 14 1	22 18 5	13 3 2	0 10 2	8 12 4	0 6 9	–	1250	
6 18 1	125 0 0	69 0 2	9 4 10	40 14 2	1 0 10	–	1251	
24 3 9	921 12 11	160 19 1	27 15 9	423 4 0	9 13 7	–	1367	
0 19 7	108 14 8	105 7 4	3 7 4	–	–	–	1519	
0 16 0	25 9 8	13 18 5	1 1 7	10 2 8	0 4 0	–	1385	
0 8 0	16 19 1	14 9 9	0 13 7	1 18 3	0 0 10	–	1386	
2 8 9	64 1 9	22 1 9	2 17 1	38 9 9	0 19 10	–	1158	
1 14 2	49 10 8	15 17 2	2 1 8	27 19 5	0 12 5	–	1221	
2 14 0	69 13 11	19 8 5	3 3 9	46 8 8	1 0 9	–	1302	
9 1 1	157 1 6	43 5 8	7 1 10	104 7 10	2 6 2	–	1371	
0 12 2	28 8 5	24 10 6	1 3 1	2 13 9	0 1 4	–	1442	
0 8 9	30 14 7	29 12 9	1 1 10	–	–	–	1254	
0 1 11	7 18 11	7 13 9	0 5 5	–	–	–	1255	
0 14 3	50 8 0	48 12 11	1 15 7	–	–	–	1256	
1 19 9	126 4 4	121 11 5	4 12 11	–	–	–	1257	
1 9 1	71 16 8	69 1 9	2 15 2	–	–	–	1316	
0 11 4	20 16 4	13 18 9	0 17 6	5 19 9	0 2 7	–	1317	
0 15 6	42 6 10	40 13 9	1 13 4	–	–	–	1318	
0 17 10	41 18 8	35 13 6	1 13 8	4 4 11	0 1 9	–	1319	
–	–	20 0 9	–	–	–	200 0 0	1368	
19 3 7	543 9 2	212 5 9	23 19 3	600 16 4	8 7 10	–	1443	
21 9 1	621 5 9	265 0 0	27 4 0	321 19 0	9 16 9	–	1444	
8 8 4	193 2 9	48 0 2	4 9 10	49 11 6	1 1 3	–	1445	
25 5 11	793 4 7	337 13 2	32 19 10	674 15 4	7 19 3	–	1446	
9 16 8	167 18 3	65 18 7	7 8 5	92 11 9	1 19 6	–	1447	
3 1 10	98 14 8	51 18 7	4 4 11	41 13 4	0 17 10	–	1465	
2 14 10	78 17 7	32 8 10	3 9 8	42 1 3	0 17 10	–	1469	
25 16 5	733 3 6	288 2 9	32 6 3	404 2 11	8 11 7	–	1497	
4 15 3	134 1 3	61 16 3	9 18 9	74 11 5	1 11 10	–	1468	
11 10 0	301 7 6	88 9 1	13 10 11	195 4 5	4 2 10	–	1485	
2 19 4	78 18 6	21 6 0	3 0 0	51 4 10	1 1 8	–	1486	
10 14 1	269 6 0	59 7 7	12 1 11	100 15 6	4 1 1	–	1535	
0 0 8	2 13 5	2 11 6	0 1 11	–	–	–	943	
0 11 1	21 0 2	15 3 4	0 17 4	4 17 4	0 2 2	–	1154	
4 9 6	120 17 4	50 14 6	9 10 9	60 2 8	1 9 8	–	1193	
1 0 9	29 5 10	11 4 4	1 5 8	10 8 11	0 9 11	–	1164	
1 10 1	41 19 0	15 13 9	1 18 3	23 15 8	0 10 4	–	1165	
0 9 2	12 16 2	4 13 3	0 11 3	7 5 8	0 3 0	–	1196	
1 9 1	42 15 4	18 10 10	1 16 6	21 12 8	0 0 9	–	1197	
1 18 0	55 14 10	24 11 9	2 8 3	28 2 9	0 12 1	–	1196	
3 15 9	107 13 6	43 13 10	4 13 8	58 1 1	1 4 11	–	1169	
0 11 2	17 4 6	8 13 6	0 14 9	7 12 11	0 3 6	–	1237	
4 8 10	126 4 11	50 15 7	6 9 5	68 10 3	1 0 8	–	1238	
1 1 6	30 2 9	11 13 6	1 6 0	10 12 6	0 7 4	–	1239	
7 6 3	199 14 0	17 7 9	7 12 3	138 14 2	2 19 10	–	1241	
6 1 8	159 17 3	48 9 10	7 1 9	102 5 0	2 3 11	–	1242	
3 3 5	80 17 1	21 8 2	3 11 10	94 13 5	1 6 8	–	1304	
3 6 9	80 15 7	20 10 8	3 11 10	55 9 5	1 3 8	–	1305	
17 12 2	456 18 3	129 16 6	20 4 9	300 9 2	6 9 1	–	1306	

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(A 2.)—A Statement of Loans made by the

No. of Loan.	NAME OF PARTY.	PURPOSE OF LOAN.	Over-payments.	BALANCE outstanding, January 1, 1857. Principal.	BALANCE outstanding, January 1, 1857. Interest.	Amount issued within the Year.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.
1607	Wicklow County,	Road, Ballymanus Bridge to Ballygobbin,	–	213 0 0	4 9 10	–
1373	Ditto,	Road, Tynte Park and Carrigower Bridge,	–	75 8 1	1 11 8	–
1374	Ditto,	Road, Irishtown and Kilpoole,	–	121 19 4	2 11 6	–
1448	Ditto,	Road, Carnew to Rathdrum,	–	158 1 9	3 6 8	–
1449	Ditto,	Road, Carnew to Wicklow,	–	27 18 1	0 11 10	–
1487	Ditto,	Road, Baltinglass to Rathdrum,	–	120 12 2	2 11 1	–
1488	Ditto,	Road, Baltinglass to Bumbohall,	–	09 18 11	1 9 7	–
1510	Ditto,	Road, Carnew to Tullow,	–	141 6 11	2 19 0	–
255	Newry Navigation Company,	Extension of Canal,	–	20,000 0 0	410 19 7	–
322	Portrush Harbour Directors,	Protection of Pier and Harbour,	–	3,198 5 2	247 19 2	–
1544	Ditto,	Ditto,	–	1,500 0 0	110 18 4	–
402	Trustees of Limerick Roads,	For Improvements,	–	1,834 1 11	474 0 0	–
682	Limerick Bridge Commissioners,	Construction of Floating Docks,	–	54,000 0 0	14,825 7 8	–
630	Rev. P. Fleming,	Completing Malahide Chapel,	–	305 14 5	59 5 5	–
667	Rev. Thomas Barry,	Enlargement of Roman Catholic Chapel at Bantry,	–	600 0 0	109 8 2	–
644	Rev. James Doheny,	Galleries to Roman Catholic Chapel at Dunmanway,	–	510 0 0	161 1 7	–
881	Rev. James Sheahan,	Completion of Roman Catholic Chapel in united Parishes of Kilmacabes and Kilfaugherabeg,	–	400 0 0	102 16 0	–
959	Rev. James Crawford,	Erection of Presbyterian Church, Londonderry,	–	250 0 0	156 7 4	–
1005	Stephens' Hospital,	For Erecting an Anatomical School,	–	–	–	1,500 0 0
1053	Annalong Pier,	In aid of Construction,	–	294 0 0	–	–
1055	Ballycotton Pier,	Ditto,	–	1,753 9 4	–	–
1060	Ballinakill Pier,	Ditto,	–	305 1 1	–	–
1060	Belmullet Canal,	Ditto,	–	1,697 18 0	–	–
1067	Bunowen Pier,	Ditto,	–	993 0 6	–	–
1069	Ballyness Pier,	Ditto,	–	127 10 3	–	–
1173	Ballinagaul Pier,	Ditto,	–	335 10 2	–	–
1387	Burren Pier,	Ditto,	–	481 6 8	–	–
1390	Ballywalter Pier,	Ditto,	–	867 1 9	–	–
1071	Brandon Pier,	Ditto,	–	135 6 11	–	–
1049	Courtown Pier,	Ditto,	–	1,998 5 3	–	–
1054	Carlingford Pier,	Ditto,	–	501 15 8	–	–
1064	Claddagh Pier,	Ditto,	–	553 15 2	–	–
1070	Clogher Head Pier,	Ditto,	–	128 10 5	–	–
1388	Cushendall Pier,	Ditto,	–	1,500 0 9	–	–
1059	Dingle Pier,	Ditto,	–	1,195 14 7	–	–
1391	Duncannon Pier,	Ditto,	–	487 4 4	–	–
1056	Greystones Pier,	Ditto,	–	149 5 4	–	–
1057	Kilkieran Pier,	Ditto,	–	860 0 0	–	–
1392	Kilmore Pier,	Ditto,	–	1,050 0 0	–	–
1065	Knightstown Pier,	Ditto,	–	685 4 0	–	–
1058	Kilmakeelogue Pier,	Ditto,	–	627 2 4	–	–
1050	Mountcharles Pier,	Ditto,	–	673 16 3	–	–
1068	Newcastle Pier,	Ditto,	–	1,078 15 0	–	–
1072	Portnablahy Pier,	Ditto,	–	281 5 1	–	–
1389	Skull Pier,	Ditto,	–	469 12 2	–	–
1172	Tarrea Pier,	Ditto,	–	838 2 0	–	–
1062	Ventry Pier,	Ditto,	–	880 0 0	–	–
1592	Terbert Pier,	Ditto,	–	–	–	3,000 0 0
1030	Commissioners of Public Works,	Drainage, &c.:—				
		Annagh District,	–	1,720 13 9	280 2 7	–
1034	Ditto,	Alick District,	–	2,480 1 11	149 8 0	–
299	Ditto,	Blackwater District,	–	0,030 11 0	367 18 4	–
314	Ditto,	Borrisokane District,	–	4,730 0 0	919 7 10	–
907	Ditto,	Ballycowan District,	–	403 6 10	24 4 11	–
912	Ditto,	Broadlough District,	–	774 4 1	55 17 11	–
971	Ditto,	Boley District,	–	1,935 17 1	116 9 7	–
1005	Ditto,	Borris-in-Ossory District,	–	7,395 16 5	173 7 1	–
1011	Ditto,	Boyne District,	–	15,120 11 0	265 9 2	–
1010	Ditto,	Ballinamore and Ballyconnell District,	–	161,878 0 0	24,423 17 0	2,000 0 0
1018	Ditto,	Ballybay District,	–	448 17 4	79 5 4	–
1020	Ditto,	Brosna (Farbane) District,	–	69,500 0 0	10,601 18 11	11,881 0 9
1025	Ditto,	Ballinhassig District,	–	6,744 17 1	639 1 6	–
1037	Ditto,	Ballytegue District,	–	10,866 15 0	–	–
1109	Ditto,	Ballycasey District,	–	2,185 13 4	685 17 6	–
1113	Ditto,	Ballinderry District,	–	745 10 6	44 17 8	–
1156	Ditto,	Burren District,	–	15,889 9 11	1,524 7 3	–
1212	Ditto,	Balle District,	–	15,110 9 2	2,508 12 8	3,013 15 2
1214	Ditto,	Ballinahown District,	–	5,722 7 4	286 11 6	–
1191	Ditto,	Boardsmill District,	–	1,641 5 3	288 8 5	–
1605	Ditto,	Ballinaskea District,	–	523 11 7	89 11 11	–
1416	Ditto,	Ballynakill District,	–	217 4 7	34 19 11	–
896	Ditto,	Clonakilty District,	–	9,108 18 0	1,277 14 11	–
899	Ditto,	Cork Slob District,	–	5,920 7 11	636 7 3	–
901	Ditto,	Carrigower District,	–	2,681 9 1	161 5 11	–
909	Ditto,	Carrigans District,	–	2,047 2 2	123 3 1	–
911	Ditto,	Cullmore District,	–	32 10 8	18 9 8	–

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Commissioners of Public Works, &c.—*continued.*

Interest accrued within the Year.	TOTAL.	REPAYMENTS. Principal.	REPAYMENTS. Interest.	BALANCE outstanding, December 31, 1857. Principal.	BALANCE outstanding, December 31, 1857. Interest.	Over-payments.	No. of Loan.	—
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
8 6 3	225 16 1	77 12 0	9 18 0	135 8 0	2 18 1	–	1307	
3 4 5	80 4 2	18 10 11	3 11 7	50 17 2	1 4 0	–	1373	
6 4 1	139 14 11	50 8 4	5 16 0	01 16 0	1 19 7	–	1374	
0 17 3	168 5 8	35 6 2	7 11 0	122 16 7	2 12 11	–	1448	
1 4 0	29 13 11	6 15 11	1 6 9	21 2 2	0 9 1	–	1449	
5 6 1	128 9 4	24 4 2	5 15 10	96 8 9	2 1 4	–	1487	
8 1 6	74 10 0	14 3 0	3 7 0	55 15 11	1 4 1	–	1488	
6 6 9	150 13 2	24 3 7	6 15 11	117 0 4	2 10 4	–	1510	
800 0 0	21,216 19 7	–	819 11 10	20,000 0 0	397 7 9	–	255	
159 18 0	6,006 2 4	–	357 18 4	6,198 5 2	49 18 10	–	322	
75 0 0	1,691 16 4	–	142 1 8	1,500 0 0	49 16 8	–	1544	
91 14 0	2,399 16 6	–	–	1,834 1 11	565 14 6	–	402	
2,700 0 0	71,525 7 8	–	–	54,000 0 0	17,525 7 8	–	882	
15 3 0	380 5 10	–	–	305 14 5	74 11 5	–	336	
–	709 8 2	–	15 0 0	600 0 0	94 8 2	–	367	
–	671 1 7	40 0 0	–	470 0 0	161 1 7	–	644	
–	622 13 6	40 0 0	–	420 0 0	102 13 6	–	881	
–	406 7 4	83 6 8	–	106 13 4	156 7 4	–	959	
18 1 8	1,518 1 8	–	–	1,500 0 0	18 1 8	–	1005	
14 3 6	308 3 0	42 0 0	14 3 6	252 0 0	–	–	1056	
–	1,753 9 4	876 14 8	–	870 14 8	–	–	1055	
7 13 7	312 14 8	50 1 10	7 13 7	254 10 3	–	–	1060	
–	1,697 18 0	109 15 2	–	1,498 2 10	–	–	1066	
–	993 0 6	186 3 9	–	806 16 9	–	–	1067	
–	127 16 3	15 19 6	–	111 16 9	–	–	1069	
–	335 10 2	55 18 4	–	279 11 10	–	–	1173	
–	481 6 8	160 8 10	–	320 17 10	–	–	1387	
–	867 1 9	102 0 4	–	765 1 5	–	–	1390	
–	135 3 11	16 18 0	–	118 5 11	–	–	1071	
31 7 3	2,029 12 6	99 18 3	31 7 3	1,898 7 0	–	–	1049	
11 18 4	516 14 0	87 5 4	11 18 4	414 10 4	–	–	1054	
–	553 15 2	221 10 2	–	332 5 0	–	–	1064	
–	128 10 5	66 14 4	–	91 16 1	–	–	1070	
–	1,500 0 0	75 0 0	–	1,425 0 0	–	–	1368	
–	1,195 14 7	149 9 4	–	1,046 5 6	–	–	1059	
–	487 4 4	139 4 0	–	348 0 4	–	–	1691	
7 4 2	156 9 6	19 18 0	7 4 2	129 7 4	–	–	1056	
–	800 0 0	150 0 0	–	650 0 0	–	–	1057	
–	1,656 0 0	207 0 0	–	1,449 0 0	–	–	1302	
–	685 4 6	85 16 0	–	599 11 6	–	–	1095	
–	627 2 4	69 15 2	–	557 7 2	–	–	1058	
–	673 13 3	84 4 2	–	589 9 1	–	–	1050	
–	1,678 15 0	197 10 0	–	1,481 5 0	–	–	1068	
–	281 5 1	35 6 2	–	246 1 11	–	–	1072	
–	409 12 2	46 19 2	–	422 18 0	–	–	1689	
36 7 6	871 10 0	251 8 9	36 7 6	586 13 9	–	–	1172	
–	880 0 0	110 0 0	–	770 0 0	–	–	1002	
–	3,000 0 0	–	–	3,000 0 0	–	–	1592	
57 6 8	2,058 2 0	–	97 13 8	1,720 12 9	239 15 7	–	1030	
129 12 10	2,708 2 9	93 13 11	279 0 10	2,425 8 0	–	–	1034	
309 17 1	6,708 6 5	1,452 10 6	677 15 6	4,578 0 6	–	–	209	
149 13 8	5,790 1 6	237 4 9	910 7 10	4,492 15 3	149 13 8	–	614	
19 7 2	446 18 11	53 4 9	43 12 1	350 2 1	–	–	907	
–	830 2 0	774 4 1	55 17 11	–	–	–	912	
29 18 3	2,082 4 11	1,120 1 11	146 7 10	815 15 2	–	–	971	Remitted, Prin., £780 14s. 7d.
243 11 10	7,812 15 4	–	–	7,395 16 5	416 18 11	–	1005	
411 5 7	15,797 5 9	–	–	15,120 11 0	676 14 0	–	1011	
5,401 1 5	193,702 18 5	–	–	163,878 0 0	29,824 18 5	–	1016	
23 18 3	552 0 11	11 1 7	103 3 7	437 15 9	–	–	1018	
2,550 9 2	94,288 8 1	–	–	81,381 0 0	12,852 8 1	–	1020	
222 10 2	7,606 8 9	137 15 0	861 11 8	6,607 2 1	–	–	1025	
177 5 7	11,044 0 7	–	–	10,866 15 0	177 6 7	–	1037	
63 11 9	2,635 2 7	338 8 5	449 9 3	1,847 4 11	–	–	1109	
22 9 0	812 17 2	93 12 6	67 6 8	651 18 0	–	–	1116	
819 12 5	17,733 9 7	–	2,210 6 3	15,380 9 11	133 13 5	–	1156	
–	20,632 17 0	13,507 9 3	2,508 12 8	4,526 15 1	–	–	1212	Remitted, Prin., £13,507 9s. 3d.
169 7 9	6,178 6 7	863 16 0	455 19 3	4,858 11 4	–	–	1214	
54 13 4	1,084 7 0	–	–	1,041 5 3	343 1 9	–	1191	
17 9 2	630 12 8	–	–	523 11 7	107 1 1	–	1395	
7 4 7	259 9 1	–	–	217 4 7	42 4 6	–	1416	
303 9 4	10,000 3 0	–	–	9,108 18 0	1,581 4 3	–	896	
315 6 0	6,872 1 2	1,010 14 6	951 13 3	4,009 13 8	–	–	899	
80 4 7	2,922 19 7	392 5 6	241 10 6	2,280 3 7	–	–	901	
61 2 7	2,231 7 10	330 0 0	184 5 8	1,711 2 2	–	–	909	
–	50 19 11	32 10 3	18 9 8	–	–	–	911	

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(A 2.)—A Statement of Loans made by the

No. of Loan.	NAME OF PARTY.	PURPOSE OF LOAN.	Over-payments.	BALANCE outstanding, January 1, 1857. Principal.	BALANCE outstanding, January 1, 1857. Interest.	Amount issued within the Year.
		Drainage, &c.—*continued.*	£ s. d.	£ s. d.	£ s. d.	£ s. d.
914	Commissioners of Public Works,	Camcloon District,	–	238 4 10	14 6 5	–
921	Ditto,	Castlebar Lakes District,	–	277 7 7	50 9 7	–
970	Ditto,	Carbury Mill Stream District,	–	516 9 0	31 0 11	–
973	Ditto,	Carrowmore Lakes District,	–	406 7 8	42 7 1	–
980	Ditto,	Clonlost District,	–	1,934 0 9	119 7 2	–
1013	Ditto,	Cappagh District,	–	12,500 0 0	1,556 2 0	895 8 1
1024	Ditto,	Comogue District,	–	2,903 14 9	154 14 3	–
1038	Ditto,	Castlebernard District,	–	4,893 17 7	1,835 7 1	–
1043	Ditto,	Cavetown District,	–	1,808 12 0	112 9 0	–
1097	Ditto,	Curragha District,	–	104 5 9	38 7 11	–
1179	Ditto,	Coolaney District,	–	4,531 19 7	272 13 3	–
1186	Ditto,	Castlamartyr District,	–	4,940 0 0	118 19 10	–
1207	Ditto,	Cloghan District,	–	3,186 5 5	191 13 8	–
1217	Ditto,	Crosslough District,	–	352 0 0	2 4 8	–
997	Ditto,	Cahora District,	–	1,468 15 10	88 7 8	–
974	Ditto,	Derrylin District,	–	300 0 0	78 15 8	–
976	Ditto,	Drumbominy District,	–	279 11 3	16 13 3	–
1010	Ditto,	Dungolman District,	–	9,335 12 6	858 8 10	–
1021	Ditto,	Deel District,	–	11,490 17 4	271 12 5	–
1029	Ditto,	Dunkellin District,	–	31,532 0 0	4,279 17 9	7,927 12 9
1209	Ditto,	Dunmore District,	–	36,984 18 4	5,845 10 10	2,500 0 9
1219	Ditto,	Derryholmes District,	–	5,994 2 5	357 9 3	–
1178	Ditto,	Drumcliff District,	–	3,846 12 9	192 13 3	–
1180	Ditto,	Dunmoran District,	–	4,519 3 10	253 11 1	–
919	Ditto,	Eslin District,	–	7,933 6 1	397 0 0	–
008	Ditto,	Fergus District,	–	40,469 2 4	5,926 15 10	5,662 0 0
978	Ditto,	Foranwell District,	–	3,111 2 6	181 9 10	–
1252	Ditto,	Fane District,	–	95 15 6	118 13 3	–
906	Ditto,	Gorteen District,	–	2,140 18 8	108 9 0	–
969	Ditto,	Garr District,	–	3,007 6 9	184 10 5	–
1004	Ditto,	Glyde District,	–	12,293 0 0	–	–
1423	Ditto,	Glenariff District,	–	1,845 4 4	253 3 9	–
917	Ditto,	Hind District,	–	10,650 0 0	2,551 12 11	–
922	Ditto,	Hermitage District,	–	241 12 9	12 2 4	–
1036	Ditto,	Headford District,	–	798 4 7	42 0 9	–
1027	Ditto,	Inny District,	–	39,500 0 0	5,196 9 1	5,000 0 0
900	Ditto,	Kilbride District,	–	4,000 0 2	–	–
902	Ditto,	Kilmurry District,	–	623 4 11	37 9 8	–
916	Ditto,	Kill District,	–	1,000 0 0	–	–
968	Ditto,	Kilcock District,	–	1,590 2 1	95 13 2	–
975	Ditto,	Kinmeen District,	–	208 13 2	12 11 6	–
979	Ditto,	Kilmaganny District,	–	9,999 19 10	–	–
1012	Ditto,	Killinor District,	–	10,947 1 7	5,784 1 2	–
1022	Ditto,	Kilmaine District,	–	4,246 4 11	1,260 10 6	–
1031	Ditto,	Kilbeggan District,	–	22,488 0 0	3,156 5 0	3,271 6 7
1098	Ditto,	Kilmannock District,	–	6,707 18 9	632 6 5	–
1208	Ditto,	Keenagh District,	–	7,460 17 4	1,221 3 3	700 0 9
889	Ditto,	Lough Neagh District,	–	149,000 0 0	19,183 6 1	33,000 0 0
972	Ditto,	Leesboro' District,	–	2,047 11 5	531 1 0	–
1007	Ditto,	Longford District,	–	28,500 0 0	4,227 5 7	6,500 0 0
1008	Ditto,	Lorrha District,	–	2,304 19 3	409 14 11	–
1023	Ditto,	Lough Gara District,	–	17,300 0 0	2,940 1 8	3,617 0 0
1032	Ditto,	Lough Oughter District,	–	74,000 0 0	11,179 10 11	4,500 0 0
1035	Ditto,	Loughans District,	–	1,494 0 0	34 7 9	–
1042	Ditto,	Lough Crew District,	–	2,503 19 8	150 6 9	–
1047	Ditto,	Lough Corrib District,	–	170,679 10 10	26,093 18 4	5,500 0 0
1082	Ditto,	Lough na Seggart District,	–	100 0 0	22 0 7	–
1210	Ditto,	Lough Dalla District,	–	2,480 8 4	149 4 1	–
1211	Ditto,	Lavally District,	–	4,250 0 0	1,460 7 8	–
1213	Ditto,	Lough Mask District,	–	51,000 0 0	8,482 1 9	–
1218	Ditto,	Lisduff District,	–	1,515 3 5	77 7 9	–
1220	Ditto,	Lough Lannagh District,	–	15,494 5 8	2,511 16 9	2,693 7 4
904	Ditto,	Miles and Templebryan District,	–	1,263 8 6	75 19 9	–
913	Ditto,	Mullawn District,	–	270 17 2	18 7 0	–
1017	Ditto,	Moyour District,	–	3,185 10 5	415 14 9	–
1033	Ditto,	Mullafarry District,	–	699 13 6	42 2 3	–
1040	Ditto,	Maghera District,	–	1,243 1 8	74 15 8	–
1041	Ditto,	Moyna and Crosspatrick District,	–	252 13 9	50 6 11	–
1215	Ditto,	Monivea District,	–	14,305 4 7	2,369 16 11	2,446 1 1
1019	Ditto,	Nobber District,	–	5,134 3 4	711 8 5	–
897	Ditto,	Owenkeagh District,	–	1,028 2 5	58 0 6	–
1003	Ditto,	Oranbill District,	–	1,471 19 2	348 5 6	–
1015	Ditto,	Owenabrockagh District,	–	290 15 11	327 10 0	–
903	Ditto,	Quin District,	–	14,000 0 0	347 18 4	–
894	Ditto,	Red Bog District,	–	706 14 5	42 7 2	–
898	Ditto,	Ratooragh District,	–	508 3 6	30 11 4	–
905	Ditto,	Rinn and Blackriver District,	–	20,208 5 9	2,924 19 4	2,000 0 0
1028	Ditto,	Rath or Clooneen District,	–	4,599 8 1	343 15 6	–
915	Ditto,	Shandrum District,	–	651 8 6	39 3 4	–
918	Ditto,	Sow District,	–	8,409 16 4	490 3 6	–
920	Ditto,	Shanagoldan District,	–	4,772 4 7	860 5 4	–

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Commissioners of Public Works, &c.—*continued.*

Interest accrued within the Year.	TOTAL.	REPAYMENTS. Principal.	REPAYMENTS. Interest.	BALANCE outstanding, December 31, 1857. Principal.	BALANCE outstanding, December 31, 1857. Interest.	Over-payments.	No. of Loan.	—
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
6 2 3	356 13 0	92 5 4	20 6 8	145 19 6	–	–	914	
131 8 10	459 6 0	277 7 7	181 16 5	–	–	–	921	
15 14 8	503 4 7	62 6 4	46 15 7	454 2 8	–	–	970	
21 4 3	469 19 0	134 10 7	59 6 0	271 17 1	4 3 4	–	973	
59 14 9	2,110 2 6	200 9 3	176 1 11	1,733 11 3	–	–	980	
–	14,921 10 1	8,729 8 1	1,556 2 0	4,036 0 0	–	–	1013	Remitted, Prin., £9,729 8s. 1d.
83 18 5	3,202 7 2	630 9 8	238 12 8	2,333 4 10	–	–	1024	
–	0,729 4 8	–	1,365 7 1	4,893 17 7	–	–	1068	
59 19 8	2,041 0 8	93 13 1	172 8 8	1,774 18 11	–	–	1043	
6 9 3	239 2 11	–	–	194 5 9	44 17 2	–	1007	
147 1 11	4,951 14 9	167 13 10	419 15 2	4,364 5 0	–	–	1179	
161 3 7	5,320 3 5	137 13 4	280 3 5	4,812 6 8	–	–	1186	
69 11 9	3,477 10 7	279 7 7	291 5 2	2,906 17 10	–	–	1207	
10 5 4	364 10 0	10 3 8	12 10 0	341 16 4	–	–	1217	
59 16 0	1,617 0 3	1,020 3 5	142 16 0	448 12 5	5 8 5	–	967	Remitted, Prin., £1,020 3s. 5d.
6 5 10	382 1 6	2 17 2	82 1 6	297 2 10	–	–	974	
8 2 0	301 7 3	45 12 3	24 16 0	230 19 0	–	–	976	
211 1 8	7,405 3 0	–	1,000 17 7	6,335 12 6	68 12 11	–	1010	
378 18 3	12,147 8 0	–	–	11,496 17 4	650 10 8	–	1021	
625 9 1	44,364 19 4	26,793 3 2	–	12,069 0 7	4,905 6 7	–	1029	Remitted, Prin., £26,793 3s. 2d.
1,242 17 10	40,573 7 0	734 8 5	–	38,750 9 11	7,088 8 8	–	1209	
170 6 11	6,491 15 7	1,232 6 2	527 13 2	4,731 14 3	–	–	1219	
122 4 7	4,161 10 7	220 8 8	314 17 10	3,626 4 1	–	–	1178	
143 15 0	4,916 9 11	285 4 7	307 6 1	4,233 19 3	–	–	1180	
243 16 3	8,574 8 4	842 3 6	641 2 3	7,091 2 7	–	–	919	
1,083 12 4	53,441 10 6	302 4 0	–	45,828 18 4	7,310 8 2	–	908	
96 0 7	3,388 12 11	327 1 1	277 10 5	2,784 1 5	–	–	978	
3 4 0	217 12 9	–	116 6 8	95 15 6	8 10 7	–	1252	
68 6 1	2,323 10 9	105 14 5	176 12 1	2,041 4 3	–	–	906	
64 4 1	6,346 3 3	326 0 10	278 14 6	2,741 7 11	–	–	969	
167 8 1	12,460 8 1	–	–	12,293 0 0	167 8 1	–	1004	
61 9 4	2,159 17 5	–	–	1,845 4 4	314 16 1	–	1423	
–	13,201 12 11	–	2,551 12 11	10,650 0 0	–	–	917	
7 12 0	261 7 1	16 5 6	19 14 4	225 7 4	–	–	922	
22 0 0	832 5 4	150 19 11	64 0 9	617 4 6	–	–	1030	
1,408 17 7	51,075 3 8	–	–	44,500 0 0	6,575 3 8	–	1027	
56 18 4	4,053 18 6	71 18 7	53 18 4	3,928 1 7	–	–	900	
18 18 9	679 13 4	89 19 0	56 8 5	533 5 11	–	–	902	
18 3 0	1,018 6 0	108 0 0	13 3 0	801 10 6	–	–	910	
46 12 2	1,754 7 5	225 0 1	144 5 4	1,365 2 0	–	–	968	
6 3 5	227 8 1	32 17 8	18 14 11	175 15 6	–	–	975	
111 13 10	7,111 13 8	15 12 2	111 13 10	6,984 7 3	–	–	979	
–	25,731 2 9	–	5,784 1 2	19,947 1 7	–	–	1012	
141 7 1	5,645 2 6	–	773 18 9	4,243 4 11	627 18 10	–	1022	
295 14 6	29,211 8 3	19,818 9 4	–	5,940 16 3	3,451 19 8	–	1031	Remitted, Prin., £19,818 9s. 4d.
123 10 7	4,463 15 6	–	386 16 4	3,707 18 9	369 3 8	–	1098	
251 8 0	9,633 8 7	–	–	8,160 17 4	1,472 11 3	–	1208	
5,994 18 0	206,878 4 1	–	–	182,000 0 0	24,878 4 1	–	889	
–	2,578 12 5	–	531 1 0	2,047 11 5	–	–	972	
1,006 18 11	40,327 4 3	–	–	35,000 0 0	5,327 4 3	–	1007	
55 2 8	2,769 16 10	640 19 3	326 16 10	1,655 0 0	138 0 9	–	1008	Remitted Prin., £640 19s. 3d.
958 5 5	23,015 7 1	–	–	20,917 0 0	2,098 7 1	–	1023	
3,067 3 6	62,746 14 5	–	–	78,500 0 0	14,246 14 5	–	1032	
49 2 8	1,577 10 5	–	–	1,494 0 0	83 10 5	–	1035	
81 4 3	2,744 10 5	106 3 3	240 10 9	2,367 16 5	–	–	1042	
6,734 16 2	208,008 5 4	80 0 0	–	176,069 10 10	31,828 14 6	–	1047	
6 6 8	125 7 3	–	–	100 0 0	25 7 3	–	1082	
75 2 11	2,704 15 4	310 12 6	224 7 0	2,163 15 10	–	–	1210	
–	5,710 7 8	–	1,460 7 8	4,250 0 0	–	–	1211	
1,698 19 3	61,181 1 0	35 0 1	–	50,964 18 11	10,181 1 0	–	1213	
46 9 7	1,639 0 9	146 0 11	126 17 4	1,369 2 6	–	–	1218	
–	20,069 9 9	16,039 6 8	2,511 16 9	5,118 3 4	–	–	1220	Remitted Prin., £13,039 6s. 8d.
39 10 6	1,376 18 9	109 12 8	115 10 6	1,158 15 10	–	–	904	
–	289 4 2	270 17 2	18 7 0	–	–	–	913	
261 11 0	6,862 16 2	879 2 8	670 6 5	2,306 7 9	6 10 4	–	1017	
20 8 3	762 4 0	129 8 9	62 10 6	570 4 9	–	–	1033	
37 8 1	1,355 5 5	177 12 11	112 3 6	1,065 8 9	–	–	1040	
8 8 7	311 9 3	–	–	252 13 9	58 15 6	–	1041	
–	19,121 2 7	11,630 6 7	2,369 16 11	5,120 16 1	–	–	1215	Remitted Prin., £10,375 6s. 8d.
171 0 9	6,016 12 6	–	486 0 5	5,134 3 4	396 2 9	–	1010	
31 16 8	1,117 19 7	103 0 4	89 17 2	924 16 1	–	–	897	
14 13 10	1,834 15 6	1,061 0 0	247 8 9	440 16 2	115 10 7	–	1003	Remitted Prin., £1,061.
4 0 8	622 7 1	169 18 3	327 10 6	120 17 8	4 0 8	–	1015	
435 8 10	14,783 7 2	1,797 19 8	783 7 2	12,232 0 4	–	–	908	
21 7 11	767 9 0	88 5 11	63 15 1	615 8 6	–	–	894	
16 10 4	565 5 2	18 0 5	47 1 8	400 3 1	–	–	898	
705 17 9	25,839 2 10	–	–	22,208 5 9	3,630 17 1	–	905	
197 6 0	5,080 9 7	924 10 4	481 1 6	6,974 17 9	–	–	1028	
21 13 8	712 5 3	36 16 3	60 17 0	614 12 0	–	–	915	
260 17 11	9,169 17 9	756 6 9	760 1 5	7,653 12 7	–	–	918	
158 10 7	5,791 9 6	–	–	4,772 4 7	1,019 4 11	–	920	

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(A. 2.)—A Statement of Loans made by the

No. of Loan.	NAME OF PARTY.	PURPOSE OF LOAN.	Over-payments.	BALANCE outstanding, January 1, 1857. Principal.	BALANCE outstanding, January 1, 1857. Interest.	Amount issued within the Year.
		Drainage, &c.—*continued.*	£ s. d.	£ s. d.	£ s. d.	£ s. d.
966	Commissioners of Public Works,	Shandon District,	–	620 8 8	37 0 0	–
1006	Ditto,	Strokestown District,	–	16,119 19 8	4,403 1 5	–
1014	Ditto,	Shrule District,	–	23,364 0 0	4,015 12 8	5,209 19 3
1026	Ditto,	Shinrone District,	–	4,544 3 1	580 7 8	–
1948	Ditto,	Saleen Lough District,	–	2,918 19 1	177 10 10	–
977	Ditto,	Tawnawoggawn District,	–	941 9 5	56 1 10	–
1909	Ditto,	Turloghmore District,	–	18,626 10 2	–	–
1189	Ditto,	Templemore District,	–	3,178 3 2	64 12 6	–
1030	Ditto,	Wilkinstown District,	–	1,275 6 1	70 14 2	–
1464	Ditto,	Wottonstown District,	–	202 13 0	25 13 6	–
895	Ditto,	Youghal District,	–	10,435 0 0	3,396 0 4	3,341 0 0
			230 2 8	1,516,252 17 6	205,019 16 1	116,678 12 3
		Deduct Transfers,	–	–	–	–
			£ 230 2 8	1,516,252 17 6	205,019 16 1	116,678 12 3
		Principal Remitted, pursuant to Act 16 & 17 Vic. c. 130, sec. 7,				
		Nett Repayments,				

Office of Public Works, Dublin, 26th February, 1858.

(A 3.)—SHANNON

STATEMENT of LOANS by the COMMISSIONERS acting in execution of the Provisions of the Act 2 & 3 Vict., on Account up to the

COUNTIES.	Amounts certified. Principal.	Amounts certified. Interest.	Amounts certified. Principal and Interest.	Repayments. In former Years.	Repayments. In the Year 1857.	Total Repayments.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Limerick,	7,794 13 4	1,517 3 5	9,311 16 9	9,311 16 9	—	9,311 16 9
Limerick, County of the City,	2,051 3 7	438 8 0	2,489 11 7	2,489 11 7	—	2,489 11 7
Clare,	19,089 5 3	2,828 15 7	21,918 0 10	21,918 0 10	—	21,918 0 10
Tipperary, North Riding,	13,495 11 1	2,026 19 4	15,522 10 5	15,522 10 5	—	15,522 10 5
Tipperary, South Riding,	6,250 19 5	875 14 7	7,126 14 9	7,126 14 0	—	7,126 14 0
Galway,	39,071 3 3	5,948 1 0	45,019 4 3	45,019 4 3	—	45,019 4 3
King's County,	13,492 7 7	1,808 10 2	15,300 17 9	15,300 17 9	—	15,300 17 9
Westmeath,	26,099 3 3	3,988 10 11	29,988 14 2	29,988 14 2	—	29,988 14 2
Longford,	20,000 0 0	2,922 3 1	22,922 3 1	22,922 3 1	—	22,922 3 1

Office of Public Works, Dublin, February 26, 1858.

(A 4.)—A STATEMENT of OUTSTANDING LOANS made by the late "COMMISSIONERS for the ISSUE of LOANS Amount of Principal and Interest due upon each on the 1st January, 1857, the Interest since

No. of Loan.	NAME OF PARTY.	PURPOSE OF LOAN.	BALANCES outstanding January 1, 1857. Principal.	BALANCES outstanding January 1, 1857. Interest.
			£ s. d.	£ s. d.
4, 24, 53	County Meath,	For Navan Turnpike Road,	6,000 0 0	178 10 5
8	Portumna Bridge Commissioners,	Building a Bridge over the Shannon,	1,528 17 8	—
13 & 28, 113	Commissioners of Wide Streets to improve Cork City,		13,700 0 0	15,168 6 7
40, 52	Mayo County,	To improve Court-House at Castlebar, and Ballinrobe,	225 6 5	186 5 8
43, 92	Kilkenny County,	For Causeway at Thomastown, and Road, Castlecomer to Ballinakill,	208 18 7	59 5 4
87	Galway Town,	Portico for Court-House,	0 18 2	0 1 4
61	Commissioners for Wellesley Bridge across the Shannon below Thomond,		55,384 12 4	12,517 12 11
70	R. H. Maunsell,	Canal at Plassy, County Limerick,	912 19 10	758 5 6
98	N. D. Crommelin,	To improve an Estate, County Antrim,	10,000 0 0	—
106	Commissioners for a Bridge across the Shannon at Athlunkard,		6,000 0 0	6,968 13 1
123	Limerick City,	Road, Limerick to Tarbert,	86 10 4	76 18 1
139	Commissioners for a Bridge at Youghal,		10,000 0 0	9,084 7 3
		Total,	104,048 3 2	44,998 6 2

Office of Public Works, Dublin, February 26, 1858.

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Commissioners of Public Works, &c.—*continued.*

Interest accrued within the Year.	TOTAL.	REPAYMENTS. Principal.	REPAYMENTS. Interest.	BALANCE outstanding, December 31, 1857. Principal.	BALANCE outstanding, December 31, 1857. Interest.	Over payments.	No. of Loan.	—
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
19 7 1	877 1 9	55 16 2	58 13 1	564 12 6	–	–	966	
–	20,523 1 1	14 19 11	4,403 1 8	16,104 19 9	–	–	1006	Remitted Princ., £14 19s. 11d.
–	32,589 11 11	22,141 19 2	4,015 12 8	6,432 0 1	–	–	1014	Remitted Princ., £22,141 19s. 2d.
151 7 8	8,275 18 5	0 8 11	731 15 4	4,543 14 2	–	–	1026	
97 4 11	3,193 14 10	961 6 4	274 15 9	1,957 15 9	–	–	1048	
29 0 7	1,026 11 10	175 12 8	85 2 5	765 18 11	–	–	977	
298 1 3	18,922 11 5	–	–	18,626 10 2	296 1 3	–	1009	
105 17 6	3,348 13 2	–	–	3,178 8 2	170 10 0	–	1189	
38 17 7	1,390 17 10	153 16 9	115 11 9	1,121 9 4	–	–	1039	
6 15 8	235 1 9	–	–	262 13 6	32 8 9	–	1464	
–	26,082 0 4	15,776 6 6	3,306 6 4	7,000 0 0	–	–	895	Remitted Princ., £15,776.
46,449 18 3	1,885,001 4 1	169,274 11 6	57,355 8 6	1,463,689 8 11	164,714 5 10	262 13 4		
131 8 10	131 8 10	–	131 8 10	–	–	–		
46,318 9 5	1,884,869 15 8	169,274 11 8	57,223 19 8	1,463,689 8 11	194,714 5 10	262 13 4		
and Interest Written off, .		133,068 1 6	4,150 15 5					
. . . . .		35,306 16 6	53,073 4 3					
		88,370 14 9						

JOHN TRIMMER, *Accountant.*

NAVIGATION.

cap. 61, showing the Total Amounts certified to Grand Juries and to Individuals, and the Repayments 31st December, 1857.

COUNTIES—*continued.*	Amounts certified. Principal.	Amounts certified. Interest.	Amounts certified. Principal and Interest.	Repayments. In former Years.	Repayments. In the Year 1857.	Total Repayments.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Mayo, ...	5,000 6 0	769 1 6	5,769 1 6	5,769 1 6	—	5,769 1 6
Sligo, ...	5,181 2 1	766 9 4	5,947 11 5	5,947 11 5	—	5,947 11 5
Roscommon, . . .	76,181 2 1	15,940 8 8	92,121 10 7	87,405 15 4	2,753 4 7	60,248 19 11
Leitrim, . .	39,181 2 1	8,462 3 4	47,643 5 5	43,917 17 1	1,736 3 7	45,654 6 6
Loans, account of Counties, .	272,788 13 6	48,292 8 9	321,081 1 6	312,729 18 2	4,489 8 2	317,219 6 4
Ditto, Individuals, .	9,480 2 11	388 8 3	9,868 11 2	9,053 2 5	—	9,053 2 5
Total, . £	282,268 15 11	48,686 17 6	336,646 12 11	321,783 6 7	4,486 8 2	326,272 8 9

JOHN TRIMMER, *Accountant.*

out of the CONSOLIDATED FUND," pursuant to the Act 57 Geo. 3, c. 34, and subsequent Acts; showing the accrued, the Repayments within the Year, and the Balances outstanding on 31st December, 1857.

Interest accrued within the Year.	TOTAL.	REPAYMENTS. Principal.	REPAYMENTS. Interest.	BALANCES outstanding December 31, 1857. Principal.	BALANCES outstanding December 31, 1857. Interest.	No. of Loan.	—
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
180 0 0	6,358 10 5	—	179 19 11	6,060 0 0	178 10 6	4, 24, 53	
—	1,528 17 8	—	—	1,528 17 6	—	8	
—	28,868 8 7	—	—	13,700 0 0	15,168 6 7	13 & 28, 113	
11 5 0	422 17 1	—	—	225 6 5	197 10 8	40, 52	
10 9 0	278 12 11	—	—	208 18 7	69 14 4	43, 92	
—	0 19 6	—	—	0 18 2	0 1 4	87	
2,215 8 0	70,117 13 3	—	8,000 0 0	55,384 12 4	8,733 0 11	61	
—	1,671 5 4	—	—	912 19 10	758 5 6	70	
—	10,000 0 0	—	—	10,000 0 0	—	96	
240 0 0	13,208 13 1	—	—	6,000 0 0	7,208 13 1	106	
4 8 6	167 14 11	—	—	86 10 4	81 4 7	123	
400 0 0	19,484 7 3	—	—	10,000 0 0	9,484 7 3	139	
3,061 8 6	152,107 17 10	—	6,179 19 11	104,048 3 2	41,879 14 9		

JOHN TRIMMER, *Accountant.*

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(A 5.)—GRANT

An Account showing the Receipts and Expenditure of the Commissioners

RECEIPT.	£ s. d.	£ s. d.
To Balance brought from last Account,	—	1,686 4 0
To Amount recovered, in reduction of Balances:—		
Act 1 & 2 Wm. IV., cap. 33,	0 14 10	
Act 1 & 9 Vict., cap. 21 & 1,	66 18 3	
		67 13 1
		£1,753 17 1

Office of Public Works, Dublin, February 26, 1858.

(A 6.)—RIVER

Acts 5 & 6 Vict., c. 89; 9 Vict., c. 4;

An Account of the Receipts and Expenditure of the

No. of Final Notice.	NAME OF DISTRICT.	Received for carrying on the Works. From Commissioners of Public Works Loan Fund. £ s. d.	Other Receipts. £ s. d.	TOTAL. £ s. d.
	RECEIPTS.			
	1. Works Account.			
27	To Brosna (Ferbane),	11,881 0 0	59 7 6	11,940 7 6
62	Ballyteigue,	—	—	—
172	Balla,	3,013 15 2	—	3,013 15 2
184	Ballinamore and Ballyconnell,	2,000 0 0	35 13 7	2,035 13 7
19	Cappagh,	865 8 1	—	865 8 1
114	Clonakilty,	—	—	—
138	Castlebernard,	—	—	—
38	Dunkellin,	7,927 12 9	—	7,927 12 9
164	Dunmore,	2,500 0 0	—	2,500 0 0
65	Fergus,	5,662 0 0	14 0 1	5,676 0 1
8	Glyde,	—	—	—
79	Hind River,	—	—	—
36	Inny,	5,000 0 0	10 0 0	5,010 0 0
18	Killimor,	—	—	—
41	Kilbeggan,	3,271 8 7	—	3,271 8 7
105	Kilcock,	—	—	—
160	Keenagh,	700 0 0	—	700 0 0
11	Longford,	6,500 0 0	4 5 4	6,504 5 4
68	Lough Neagh,	33,000 0 0	136 6 11	33,136 6 11
43	Lough Oughter, &c.,	4,500 0 0	114 4 11	4,614 4 11
32	Lough Gara, &c.,	3,617 0 0	—	3,617 0 0
174	Lough Mask, &c.,	—	542 17 9	542 17 9
183	Lough Corrib, &c.,	5,500 0 0	1,460 19 11	6,960 19 11
193	Lough Lannagh,	2,693 7 4	—	2,693 7 4
176	Moniveea,	2,446 1 1	—	2,446 1 1
61	Rinn, &c.,	2,000 0 0	—	2,000 0 0
10	Strokestown,	—	209 15 0	209 15 0
20	Shrule,	5,209 19 3	—	5,209 19 3
44	Youghal,	3,341 0 0	5 0 0	3,346 0 0
	Total Receipts—Drainage Works,	£ 111,628 12 3	2,592 11 0	
	Carried forward,			114,221 3 3

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LOANS.

of PUBLIC WORKS, in the year ended 31st December, 1857.

EXPENDITURE.	£ s. d.
By Balance carried to next Account, ...	1,753 17 1
	£1,753 17 1

JOHN TRIMMER, *Accountant.*

DRAINAGE.

8 & 9 Vict., c. 69; and 10 & 11 Vict., c. 79, &c.

COMMISSIONERS of PUBLIC WORKS, in the Year ended 31st December, 1857.

No. of Final Notice.	NAME OF DISTRICT.	Expenditure on Works.	Interest chargeable on Moneys provided for carrying on the Works.	TOTAL.	—
	EXPENDITURE.	£ s. d	£ s. d.	£ s. d.	£ s. d.
	By Balance from 31st December, 1857, .	—	—	—	161,890 3 1
	1. WORKS ACCOUNT.				
27	By Brosna (Ferbane), ...	5,161 17 5	2,631 10 8	7,793 7 11	
62	Ballyteigue, ...	58 0 8	—	58 0 8	
172	Balla, ...	162 16 0	—	162 16 0	
184	Ballinamore and Ballyconnell, .	5,036 14 9	5,401 11 3	10,438 8 0	
19	Cappagh, ...	440 13 11	—	440 13 11	
114	Clonakilty, ...	18 19 0	—	18 19 0	
138	Castlebernard, ...	86 5 11	—	86 5 11	
38	Dunkellin, ...	641 17 3	626 5 6	1,268 2 9	
164	Dunmore, ...	2,681 19 1	1,242 17 10	3,924 16 11	
65	Fergus, ...	4,895 6 7	1,383 12 4	6,278 18 11	
8	Glyde, ...	210 9 9	—	210 9 9	
79	Hind River, ...	111 7 1	—	111 7 1	
36	Inny, ...	2,176 6 7	1,437 12 11	3,813 19 6	
18	Killimor, ...	284 6 9	—	284 6 9	
41	Kilbeggan, ...	466 14 0	296 11 1	783 5 1	
105	Kilcock, ...	64 14 8	—	64 14 8	
160	Keenagh, ...	1,193 11 4	251 8 0	1,444 19 4	
11	Longford, ...	983 3 3	1,158 10 2	2,141 13 5	
68	Lough Neagh, ...	8,002 12 0	6,054 12 9	14,057 4 9	
43	Lough Onghter, &c., ...	2,105 4 5	3,104 12 10	5,209 17 3	
32	Lough Gara, &c., ...	1,189 2 10	674 0 6	1,863 3 4	
174	Lough Mask, &c., ...	1,416 8 7	1,698 19 3	3,115 7 10	
183	Lough Corrib, &c., ...	3,961 18 10	5,734 16 2	9,696 13 0	
193	Lough Lannagh, ...	152 15 0	—	152 15 0	
178	Monivea, ...	37 11 9	—	37 11 9	
61	Rinn, &c., ...	2,410 11 4	705 17 9	3,116 9 1	
10	Strokestown, ...	41 2 5	—	41 2 5	
82	Shanagolden, ...	—	158 19 7	158 19 7	
20	Shrule, ...	228 13 1	—	228 13 1	
44	Yonghal, ...	156 5 5	—	156 5 5	
	Sundry small payments on Districts under Award, ...	122 11 3	—	122 11 3	
	Incidental Account, ...	27 17 5	—	27 17 5	
		£44,527 18 4	32,581 18 5	77,089 14 9	
	Total Expenditure—Drainage Works,	—	—	—	77,089 14 9
	Carried forward, ...			—	238,979 17 10

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(A 6.)—RIVER

Acts 5 & 6 Vict., c. 89; 9 Vict., c. 4;

An Account of the Receipts and Expenditure of the Commissioners

RECEIPT—*continued.*	£ s. d.	£ s. d.
Brought forward,	—	114,221 3 3
2. Liability Account.		
To Amounts received from Counties and out of general recoveries under Awards to pay off Debentures, &c., &c., on the following Districts, viz.:—		
To Ardee,	515 17 3	
Balla,	17 18 2	
Ballinamore and Ballyconnell,	300 0 0	
Cappagh,	2,396 0 0	
Castlebernard,	1,026 18 1	
Dunkellin,	1,913 4 10	
Dunmore,	734 8 5	
Fane,	4,659 0 4	
Fergus,	302 4 0	
Inny,	362 1 1	
Killimor,	786 1 6	
Kilbeggan,	500 0 0	
Longford,	679 3 9	
Lough Cughter,	808 11 3	
Lough Neagh,	4,256 17 0	
Lough Mask, &c.,	35 6 1	
Lough Corrib, &c.,	80 0 0	
Lough Lannagh,	29 1 11	
Moyne and Crosspatrick,	256 8 0	
Monivea,	1,083 17 8	
Shrule,	471 4 8	
Total Receipt—Liability Account,	—	21,214 3 10
To Balance to next Account,	—	166,862 1 5
	£	302,297 8 6

Office of Public Works, Dublin, February 26, 1858.

(A 7.)—LAND IMPROVEMENT

An Account showing the Receipts and Disbursements of the

RECEIPT.	£ s. d.
To Balance brought from last Account,	612 0 1
Amount received from Proprietors in repayment of preliminary expenses, &c.,	332 3 9
	944 3 10
Balance carried to next Account,	10 8 1
	£954 11 11

Office of Public Works, Dublin, February 26, 1858.

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DRAINAGE—*continued.*

8 & 9 Vict., c. 69; and 10 & 11 Vict., c. 79, &c.

of Public Works, in the Year ended 31st December, 1857—*continued.*

EXPENDITURE—*continued.*	Loans paid off.	Interest, &c., paid with Moneys received under Award.	Total.	—
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward,	—	—	—	238,979 17 10
2. Liability Account.				
By Amounts paid in reduction of Loan and Interest,	—	—	—	
By Ardee,	500 0 0	5 17 3	505 17 3	
Brosna,	7,500 0 0	—	7,500 0 0	
Balla,	—	17 18 2	17 18 2	
Ballinamore and Ballyconnell,	300 0 0	68 5 1	368 5 1	
Cappagh,	2,000 0 0	378 12 11	2,376 12 11	
Castlebernard,	1,000 0 0	6 18 1	1,006 18 1	
Dunkellin,	1,500 0 0	413 4 10	1,913 4 10	
Dunmore,	734 8 5	—	734 8 5	
Fane,	4,510 0 0	58 18 4	4,568 16 4	
Fergus,	302 4 0	—	302 4 0	
Inny,	2,500 0 0	—	2,500 0 0	
Killimor,	—	786 1 6	786 1 8	
Kilbeggan,	500 0 0	—	500 0 0	
Longford,	4,500 0 0	—	4,500 0 0	
Lough Gara, &c.,	1,500 0 0	—	1,500 0 0	
Lough Oughter, &c.,	4,000 0 0	—	4,000 0 0	
Lough Neagh,	28,200 0 0	—	28,200 0 0	
Lough Mask, &c.,	35 8 1	—	35 8 1	
Lough Corrib, &c.,	80 0 0	—	80 0 0	
Lough Lannagh,	—	29 1 11	29 1 11	
Moyne and Crosspatrick,	250 0 0	1 8 0	251 8 0	
Monivea,	1,054 18 5	28 19 1	1,083 17 6	
Shrule,	450 0 0	107 10 7	557 10 7	
	61,418 16 11	1,900 13 9	63,317 10 8	
Total Expenditure—Liability Account,	—	—	—	63,317 10 8
			£	302,297 8 8

John Trimmer, *Accountant.*

PRELIMINARIES.

Commissioners of Public Works, in the Year ended 31st December, 1857.

EXPENDITURE.	£ s. d.
By Amount paid into Exchequer in Repayment of Advances,	834 16 8
By Amount paid for preliminary investigations, Advertising, Scrivenery, &c.,	319 15 3
	£954 11 11

John Trimmer, *Accountant.*

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(A 8.)—SHANNON

Act 2 & 3 Vict.

Dr. AN ACCOUNT showing the RECEIPT and EXPENDITURE of the

RECEIPT.	£ s. d.	£ s. d.	£ s. d.
To Balance brought from last Account,	—	—	8,317 17 4
To produce of Mills, Lands, and other Holdings,	926 2 8		
" Fishery of Weirs,	563 17 4		
" Tolls, wharfage, &c.,	1,741 7 11		
" Sale of materials, &c.,	33 16 3		
" Ganging and weighing boats,	3 5 6		
Total Receipts—Shannon Navigation,	—	3,268 9 8	
To Boyne, Tyrone, and Maigue Navigations for Balances, on the 31st December, 1857, transferred to this Account,	—	454 9 9	3,722 19 5
			£12,040 16 9

Office of Public Works, Dublin, February 26, 1857.

(A 9.)—PARLIAMENTARY

Dr. AN ACCOUNT showing the RECEIPT and EXPENDITURE of the COMMISSIONERS

RECEIPT.	£ s. d.	£ s. d.	£ s. d.
To Balance,	—	—	12,279 7 2
1. SALARIES AND INCIDENTS OF OFFICE:—			
Issued from H.M. Exchequer on account of Vote,	—	20,000 0 0	
Law Costs recovered,	—	108 9 8	
Registration Fees,	—	3 16 8	
Sundry Receipts and re-lodgments,	—	77 5 11	
			20,189 12 3
2. PUBLIC BUILDINGS:—			
Issued from H.M. Exchequer on account of Vote,	—	38,781 0 0	
Sundry Receipts, Rents, Sale of Old Stores, &c.,	—	852 2 6	
Carried forward,	—	39,633 2 6	32,468 19 5

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NAVIGATION.

cap. 61, &c.

COMMISSIONERS of PUBLIC WORKS, in the Year ended 31st December, 1857.

Cr.

EXPENDITURE.	£	s.	d.	£	s.	d.
By Amount expended, viz.:—						
Awarded for Purchase of Land,	289	9	9			
Rents,	16	11	10			
Gauging and weighing boats,	1	5	6			
Salaries and allowances,	1,247	18	2			
Maintenance and repairs,	1,522	8	10			
Taxes,	20	3	1			
Miscellaneous,	146	4	6			
Total Expenditure—Shannon Navigation,	—			3,244	1	8
Balance to next Account,	—			8,796	15	1
				£12,040	16	9

JOHN TRIMMER, *Accountant.*

VOTES AND GRANTS.

of PUBLIC WORKS, for the Year ended 31st December, 1857.

Cr.

EXPENDITURE.	£	s.	d.	£	s.	d.	£	s.	d.
1. SALARIES AND INCIDENTS OF OFFICE:—									
By Salaries of the Board and Establishment,	17,937	6	2						
Law Expenses,	214	4	0						
Travelling Expenses,	1,202	4	8						
Progress Inspections,	947	16	10						
Incidents, including Coals, &c.,	327	6	11						
Ditto "Piers and Harbours,"	502	10	6						
Ditto Maintenance of Roads,	547	4	4						
				21,678	13	5			
Salaries and Incidents of Fisheries:									
By Salaries of two Inspecting Commissioners,	1,100	0	0						
Travelling Expenses,	209	2	1						
Incidents,	99	4	9						
				1,408	6	10			
							23,087	0	3
2 PUBLIC BUILDINGS:—									
By Repairs of Buildings, Furniture, &c.:									
Agricultural Statistics Office,	139	9	2						
Charitable Bequests Office,	151	2	9						
Coast Guard Stations,	163	2	5						
Commissariat Office,	91	9	4						
Contingencies,	61	5	0						
Custom House, Dublin, including Board of Works, Poor Law, Inland Revenue Offices, &c.,	1,437	16	0						
Custom Houses, Ireland,	170	3	3						
Custom House, Quay Walls, Cork,	2,000	0	0						
Draw Bridges on North Wall, Dublin,	98	8	1						
Dublin Castle,	8,261	11	2						
Excise Stores, Dublin,	32	7	3						
Four Courts,	1,960	19	6						
Four Courts' Marshalsea,	345	0	1						
Income Tax Office,	61	9	3						
Incumbered Estates Court, &c.,	625	19	11						
Insolvent Debtors' Court,	85	7	6						
Irishtown Church,	45	19	10						
Land at North Wall,	36	6	6						
Late Inland Navigation Office,	115	11	6						
Lunatic Asylums Commission Office,	285	10	9						
Phœnix Park, Viceregal and other Lodges,	8,257	11	2						
Post Office, Dublin,	244	6	2						
Record Buildings,	327	6	10						
Royal College of Surgeons,	11	6	4						
Royal Hibernian Military School,	4,106	18	1						
Royal Hospital,	2,931	18	2						
Carried forward,	32,048	6	0	—			23,087	0	3

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An Account showing the Receipt and Expenditure on account of Parliamentary

RECEIPT—*continued.*	£ s. d.	£ s. d.	£ s. d.
Brought forward,	—	39,633 2 6	32,468 19 5
			39,633 2 6
3. Inland Navigation :—			
To Tyrone Navigation,			
Rents,	75 13 6		
Tolls,	329 6 5		
Sundry Receipts,	2 1 1		
		407 1 0	
To Maigue Navigation,			
Tolls,	39 11 4		
		39 11 4	
			446 12 4
4. Harbours :—			
To Howth Harbour :			
Issued from H. M. Exchequer, Amount of Vote,	140 0 0		
Rents,	86 14 10		
Sale of old Boat,	0 12 0		
		227 6 10	
To Dunmore Harbour :			
Rents,	60 4 6		
Dues,	17 13 5		
Sale of Land,	280 0 0		
		357 17 11	
To Donaghadee Harbour :			
Issued from H.M. Exchequer, Amount of Vote,	100 0 0		
Rents,	7 17 0		
		107 17 0	
			693 1 9
5. Kingstown Harbour :—			
Issued from H. M. Exchequer on account of Vote,	—	24,350 0 0	
Harbour Dues,	—	1,209 16 8	
Rents,	—	222 4 8	
Sale of Plant, &c.,	—	12 14 0	
			25,794 15 4
Carried forward,	—	—	99,036 11 4

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VOTES AND GRANTS—*continued.*

Votes and Grants in the Year ended 31st December, 1857—*continued.*

EXPENDITURE—*continued.*	£ s. d.	£ s. d.	£ s. d.
PUBLIC BUILDINGS—*continued.*			
Brought forward,	32,048 6 0	—	23,087 0 3
By Royal Irish Academy,	792 8 8		
Stationery Office,	76 10 9		
Store and Yard, City Quay,	7 7 8		
Belfast College,	837 0 0		
Cork College,	938 2 5		
Galway College,	372 18 1		
		35,072 11 7	
By National Education, Buildings, &c.:—			
Repairs and Works at Offices in Marlborough-street, and Training Departments,	1,164 3 2		
Repairs to Model Agricultural Schools, including Albert Training Institution, Glasnevin,	322 16 2		
District Model Schools, including Maritime School, Limerick,	94 7 4		
Repairs to Ordinary National Schools,	117 14 9		
Omagh Minor Model School (Building),	4 19 11		
		1,704 1 4	
By District Lunatic Asylums—Works recommended by the Special Commissioners of Inquiry:—			
Belfast Asylum,	356 4 0		
Kilkenny "	442 12 9		
Killarney "	800 0 0		
Mullingar "	500 0 0		
Omagh "	800 0 0		
Richmond " (Dublin),	1,500 0 0		
Sligo "	650 0 0		
		5,048 16 9	41,823 9 6
3. INLAND NAVIGATION:—			
By Tyrone Navigation:			
Salaries and Incidents,	205 11 10		
Labour and Materials,	141 8 8		
Balance transferred to new Account,	285 15 5		
		632 15 9	
By Maigue Navigation:			
Salary of Collector,	30 18 4		
Labour and Materials,	2 1 1		
Balance transferred to new Account,	45 2 4		
		78 1 9	710 17 6
4. HARBOURS:—			
By Howth Harbour:			
Labour and Materials,	57 16 2		
Salary of Harbour Master,	20 0 0		
Purchase Money of Premises paid into H.M. Exchequer,	200 0 0		
Incidents,	18 2 5		
		295 18 7	
By Dunmore Harbour:			
Purchase Money of Premises paid into H.M. Exchequer,	680 0 0		
Incidents,	6 1 2		
		686 1 2	
By Donaghadee Harbour:			
Labour and Materials,	17 15 9		
Salaries and Incidents,	20 6 8		
		38 2 5	1,020 2 2
5. KINGSTOWN HARBOUR:—			
By New Steamer Wharf, Contract Work (building),	8,688 16 3		
Stone Materials, Labour included,	11,318 8 6		
Construction of Iron Bridge,	386 6 0		
Railway Tunnel approaching Pier,	1,588 8 8		
		21,981 19 5	
Ballast supplied, Contract,	—	145 2 4	
Maintenance, Repairs, &c.,	—	854 10 0	
Salaries of Harbour Master, Superintendent, &c.,	—	586 18 9	
Boatmen, Watchmen, &c.,	—	533 15 6	
Incidents and Contingencies,	—	158 17 4	
Rents and Taxes,	—	44 12 7	24,305 15 11
Carried forward,	—	—	90,949 5 6

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(A 9.)—PARLIAMENTARY

Dr. An Account showing the Receipt and Expenditure on account of Parliamentary

RECEIPT—*continued.*	£ s. d.	£ s. d.	£ s. d.
Brought forward, . . .	—	—	99,036 11 4
6. Convict Prisons :— Issued from H.M. Exchequer on account of Vote, . .	—	2,500 0 0	
			2,500 0 0
7. Female Convict Prison :— Issued from H.M. Exchequer on account of Vote, . .	—	10,000 0 0	
			10,000 0 0
8. Philipstown Iron Prison :—	—	—	Nil.
9. Iron Huts for Convicts at Cork and Lusk :—	—	—	Nil.
10. Juvenile Convict Prison, Lusk:— Issued from H.M. Exchequer on account of Vote, . .	—	3,683 8 6	
			3,683 8 6
11. Central Criminal Lunatic Asylum (Maintenance) :— Issued from H.M Exchequer on account of Vote, . .	—	—	712 0 0
12. Constabulary Depot Barracks, Phœnix Park :—	—	—	Nil.
13. Belfast Custom House, Post Office, &c. :— Issued from H.M. Exchequer on account of Vote, . .	—	7,000 0 0	
			7,000 0 0
14. Four Courts Extension :—	—	—	Nil.
15. Land at North Wall :— Proceeds of Sale, ...	—	—	1,500 0 0
16. House of Industry Hospitals :—	—	—	Nil.
17. Westmoreland Lock Hospital :—	—	—	Nil.
			£ 124,431 19 10

Office of Public Works, Dublin, February 26, 1858.

(A 10.)—EMPLOYMENT OF LABOURING

An Account showing the Receipts and Expenditure of the Commissioners

RECEIPT.	£ s. d.
To Balance brought from last account, ...	2,517 3 9
To Recoveries on Account of Law Costs, ...	20 1 7
	£2,537 5 4

Office of Public Works, Dublin, February 26, 1858.

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VOTES AND GRANTS—*continued.*

Votes and Grants in the Year ended 31st December, 1856—*continued.* *Cr.*

EXPENDITURE—*continued.*	£ s. d.	£ s. d.	£ s. d.
Brought forward,	—	—	90,949 5 6
6. Convict Prisons:— By Repairs of Buildings, Furniture, &c.:			
Smithfield,	—	286 5 8	
Grangegorman,	—	125 14 5	
Mountjoy,	—	2,134 12 10	
			2,546 12 11
7. Female Convict Prison:— By Works under Contract,	—	7,169 19 0	
Labour and Materials,	—	1,006 2 7	
Salary of Clerk of Works,	—	143 10 0	
Incidents,	—	3 16 9	
			8,323 8 4
8. Philipstown Iron Prison:— Incidents,	—	—	0 19 0
9. Iron Huts for Convicts at Cork and Lusk:— By Works under Contract,	—	1,865 11 5	
Stoves, Flues, &c.,	—	36 5 5	
Incidents,	—	2 17 0	
Returned to Convict Board,	—	300 0 0	
			2,204 13 10
10. Juvenile Convict Prison, Lusk:— Purchase of Common rights,	—	2,415 7 6	
Incidents, Law Expenses, and Costs of Arbitration,	—	216 16 9	
			2,632 4 3
11. Central Criminal Lunatic Asylum (Maintenance):— By Repairs of Building, &c.,	—	—	647 0 0
12. Constabulary Depot Barracks, Phœnix Park:— By Repairs of Buildings, &c.,	—	—	921 18 5
13. Belfast Custom House, Post Office, &c.:— By Works under Contract,	—	8,472 5 11	
Architect for Professional Services,	—	466 11 3	
Salary of Clerk of Works,	—	68 8 8	
Furniture and fitments,	—	2,143 12 0	
Incidents, &c.,	—	3 18 8	
			11,154 16 6
14. Four Courts Extension:— By Incidents,	—	—	21 17 10
15. Land at North Wall:— By Abatement on Purchase,	—	—	78 15 0
16. House of Industry Hospitals:— By Repairs of Buildings, &c.,	—	—	8 8 0
17. Westmorleland Lock Hospital:— By Repairs of Building,	—	—	282 17 9
Balance,	—	—	4,659 2 6
			£124,431 19 10

John Trimmer, *Accountant.*

POOR.—Act 9 & 10 Vict. c. 107.

of Public Works, in the Year ended 31st December, 1857.

EXPENDITURE.	£ s. d.
By Balance carried to next account,	2,537 5 4
	£2,537 5 4

John Trimmer, *Accountant.*

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(A 11.)—MISCELLANEOUS

AN ACCOUNT showing the RECEIPT and EXPENDITURE of the COMMISSIONERS

RECEIPT.	£ s. d.	£ s. d.	£ s. d.
1. PIERS, HARBOURS, &c. :—			
To Tarbert Pier on account of Loan, 9 Vic. cap. 3,	—	3,000 0 0	
Cushendall Pier, Sale of Plant, 9 Vic. cap. 3,	—	21 12 0	
Sundry Preliminary Expenses, 9 Vic. cap. 3,	—	502 10 6	
Newcastle Pier, for Repairs, to be repaid by Co. Down, 16 & 17 Vic. cap. 136, sec. 11,	—	166 13 11	
Total Receipts, "Piers, Harbours," &c.,	—	—	3,690 16 5
2. MAINTENANCE OF ROADS, &c. :—			
To Issue from H. M. Exchequer for Post Roads, per Act 6 & 7 Wm. IV. cap. 116,	—	1,000 0 0	
Roads and Bridges—Sundry Receipts,	—	354 17 3	
Total Receipts, "Maintenance of Roads,"	—	—	1,354 17 3
3. RECEIVER'S ACCOUNTS FOR LOANS :—			
To Portumna Bridge—Tolls,	—	115 7 3	
To Galway Harbour :			
Tolls,	1,233 12 10		
Rents,	7 10 0		
		1,241 2 10	
To Limerick Bridge and Harbour :			
Tolls,	8,321 2 2		
Rents,	238 12 3		
Sale of Boiler,	7 10 0		
		8,567 4 5	
Total Receipt "Loans Receiver's Accounts,"	—	—	9,923 14 6
Carried forward,	—	—	14,969 8 2

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SERVICES.

of Public Works, in the Year ended 31st December, 1857.

EXPENDITURE.	£ s. d.	£ s. d.	£ s. d.
By Balance overdrawn on last Account,	1,295 1 2		
Less Balance in hands on Maintenance of Roads brought to this Account,	855 5 11		439 15 3
1. Piers, Harbours, &c. :—			
By Tarbert Pier, on account of Construction, per Act 9 Vic. cap. 3,	—	2,785 13 5	
Bunowen Pier, on account of Construction, per Act 9 Vic. cap. 3,	—	36 9 4	
Cushendall Pier, for Repairs, per Act 16 & 17 Vic. cap. 136, sec. 14,	—	67 17 8	
Barna Pier, for Repairs, per Act 16 & 17 Vic. cap. 136, sec. 14,	—	23 19 11	
Cahore Pier, for Repairs, per Act 16 & 17 Vic. cap. 136, sec. 11, to be repaid by Co. Wexford,	—	16 5 2	
Loan, for Preliminary Expenses, Act 9 Vict. cap. 3, to be repaid to H.M. Exchequer,	—	500 0 0	
Total Expenditure, "Piers, Harbours," &c.,	—	—	3,430 5 6
2. Maintenance of Roads, &c. :—			
By Repairs of Post Roads, per Act 6 & 7 Wm. IV. cap. 116, to be repaid by the following counties, viz. :—			
Down,	89 19 11		
Donegal,	82 19 5		
Dublin,	1 19 3		
Fermanagh,	62 18 2		
Galway,	69 1 11		
King's,	429 19 10		
Roscommon,	200 0 0		
Waterford,	263 0 0		
Westmeath,	9 19 1	1,209 17 7	
By Grant, Road Repairs, Refund to Co. Dublin of over-presentment,	23 3 4		
Balance repaid to H.M. Exchequer,	165 0 9		
Roads and Bridges, Repairs, Balance repaid to H.M. Exchequer,	332 3 9		
Sundry Credits applied in reduction of Balances,	84 9 3	604 17 1	
Total Expenditure, "Maintenance of Roads,"	—	—	1,814 14 8
3. Receiver's Accounts for Loans :—			
By Portumna Bridge :			
Salaries,	39 0 0		
Freight,	3 15 7		
Broken Stone,	1 10 0	44 5 7	
By Galway Harbour :			
Labour and Materials,	38 13 11		
Salaries and Incidents,	555 6 0		
Parliamentary Expenses,	17 11 2		
Transfer to H. M. Exchequer on account of Interest on Loan,	700 0 0	1,311 11 1	
By Limerick Harbour:			
Labour and Materials, &c.,	433 1 8		
Salaries and Incidents,	1,230 14 1		
Sir Thomas Deane, for Interest,	182 13 3		
Works under Contract, &c.,	700 7 0		
United General Gas Company, for Lighting and providing Lamps, March 1855 to June 1857,	464 15 6		
Transfer to H. M. Exchequer on account of Interest on Loan,	6,000 0 0	9,011 11 6	
Total Expenditure, "Loans Receiver's Account,"	—		10,367 8 2
Carried forward,	—	—	16,052 3 7

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(A 11.)—MISCELLANEOUS

An Account showing the Receipt and Expenditure on account of Miscellaneous Services,

RECEIPT.	£ s. d.	£ s. d.	£ s. d.
Brought forward,	—	—	14,969 8 2
4. Boyne Navigation :—			
Tolls,	—	453 18 1	
			453 18 1
5. District Lunatic Asylums :—			
To Killarney Lunatic Asylum : Issue from H. M. Exchequer,	—	16 3 5	
To Mullingar Lunatic Asylum : Issue from H. M. Exchequer,	—	6,931 15 9	
To Old Lunatic Asylum, Cork, for Rent,	—	200 0 0	
To Sligo Lunatic Asylum :—			
Issue from H. M. Exchequer,	1,588 8 8		
Architect's Fees relodged,	88 17 8		
		1,677 6 4	
Total Receipts, "District Lunatic Asylums,"	—	—	8,825 5 6
6. Sundry Accounts :—			
To N. de la O. Crommelin—Received to keep up Policies of Assurance as security for loan,	—	165 0 0	
To Land Improvement Loans Repayment : Unexpended Balances of Loans recovered from Proprietors,	—	1,309 0 0	
To Amount received from Treasurers of Counties and others, in repayment of Loans,	—	4,228 16 7	
To Drainage Repayments, per Act 5 & 6 Vic. cap. 89, recovered by this Board,	—	3,771 2 2	
To Donegal Co.—Balance of Preliminary Expenses,	—	13 14 6	
To Sundry Railway Deposit Accounts, per Act 14 & 15 Vic. cap. 70, to meet expenses of arbitration,	—	417 3 10	
To Dividends received on Investment of Stock on account of Contractors and others,	—	178 3 2	
To Metropolitan Police Stations and Offices—repaid by Police Commissioners,	—	16 6 9	
To Poultrealagh Fish Pass—Estimate for Works,	50 1 0		
To Carrignohane Fishery Weir, for Balance of Contract,	39 0 0		
		89 1 0	
Total Receipts, "Sundry Accounts,"	—	—	10,188 8 0
			£34,436 19 9

Office of Public Works, Dublin, February 26, 1858.

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SERVICES—*continued.*

Year ended 31st December, 1857—*continued.*

EXPENDITURE.	£ s. d.	£ s. d.	£ s. d.
Brought forward,	—	—	16,052 3 7
4. Boyne Navigation :—			
Labour and Materials,	—	59 12 5	
Salaries and Incidents,	—	175 10 10	
Transfer to H. M. Exchequer in repayment of Loan and Interest,	—	232 0 9	
Transfer of Balance to new Account, "Inland Navigations,"	—	123 12 0	
			590 16 0
5. District Lunatic Asylums :—			
By Belfast Lunatic Asylum :			
Works under Contract,	540 18 11		
Furniture and Fitments,	129 2 2		
Architect's Fees,	55 19 11		
Repaid to H. M. Exchequer,	2,226 4 7		
		2,952 5 7	
By Clonmel Lunatic Asylum—Repaid to H. M. Exchequer,	—	73 16 10	
By Cork Lunatic Asylum— do. do.	—	260 3 0	
By Limerick Lunatic Asylum— do. do.	—	71 12 8	
By Mullingar Lunatic Asylum :			
Architect's Fees,	39 19 3		
Incidents,	15 12 6		
		55 11 9	
By Omagh Lunatic Asylum—Repaid to H.M. Exchequer,	—	92 7 10	
By Old Lunatic Asylum, Cork—Rents,	—	155 1 0	
By Sligo Lunatic Asylum :			
Furniture and Fitments,	—	8 11 5	
Total Expenditure, "District Lunatic Asylums,"	—	—	3,669 10 1
6. Sundry Accounts :—			
By N. de la C. Crommelin—One year's Premium on his Life Assurance,	—	330 0 0	
By Roads and Bridges Grant, for transfer of Balance,	—	171 6 3	
By Land Improvement Loans Repayment :-			
Unexpended Balances of Loans recovered from Proprietors, transferred to Paymaster of Civil Services,	—	1,342 12 7	
By transfer to Paymaster of Civil Services on account of Repayments per contra,	4,101 13 5		
By over-remittances returned to Treasurers of Counties,	112 3 2		
		4,213 16 7	
By Drainage Repayments :			
Transferred to Paymaster of Civil Services, account of Instalment,	3,634 0 0		
Amount over-remitted returned,	25 5 6		
		3,659 6 6	
By Sundry Railway Deposit Accounts—Act 14 & 15 Vict., cap. 70 :			
Arbitration Expenses,	—	688 9 11	
By Dividends on Investments paid to Contractors and others,	—	178 3 2	
By Metropolitan Police Stations and Offices, for Repairs, Maintenance, &c.,	—	48 12 0	
By Carrignobane Fishery Weir on account of Contract,	—	56 0 3	
Total Expenditure, "Sundry Accounts,"	—	—	10,688 7 3
			31,000 16 11
By Balance carried to next account,	—	—	3,436 2 10
			£34,436 19 9

John Trimmer, *Accountant.*

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APPENDIX B.

LAND IMPROVEMENT LOANS.

	Page		Page
Antrim County,	52	Limerick County,	55
Armagh „	52	Londonderry „	52
Carlow „	53	Longford „	53
Cavan „	52	Louth „	53
Clare „	54	Mayo „	54
Cork „	55	Meath „	53
Donegal „	52	Monaghan „	52
Down „	52	Queen's „	53
Dublin „	53	Roscommon „	54
Fermanagh „	52	Sligo „	54
Galway „	54	Tipperary „	55
Kerry „	56	Tyrone „	52
Kildare „	53	Waterford „	55
Kilkenny „	54	Westmeath „	53
King's „	53	Wexford „	54
Leitrim „	54	Wicklow „	53

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(B.)—LAND IMPROVEMENT ACTS, 10th Vict., chap. 32, &c.

SCHEDULE—Showing the Loans in progress, the amount applied for, sanctioned, and issued by Instalments, with the Date of the last Issue, to December 31, 1857.

NORTHERN DISTRICT.

County.	Barony.	Applicant.	Amount applied for.	Amount sanctioned.	Amount cancelled or relinquished.	Amount issued.	No. of Instalments issued	Date of last Issue.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.		
ANTRIM,	Belfast, Lower,	John Thompson,	2,000 0 0	2,000 0 0	–	800 0 0	2	1 May, 1855.
		Robert Thompson,	1,200 0 0	1,200 0 0	–	240 0 0	1	16 April, 1856.
	Glanarm, Lower	Rev. D. Courtenay,	100 0 0	100 0 0	–	60 0 0	3	10 Jan., 1856.
	Kilconway,	Thomas Greg,	2,000 0 0	1,000 0 0	–	400 0 0	2	10 Mar., 1857.
	Massarene, Lr.	Rev. A. H. Pakenham,	1,100 0 0	800 0 0	–	160 0 0	1	6 March, 1857.
	Toome, Upper,	Rev. W. C. O'Neill,	6,000 0 0	3,000 0 0	–	2,000 0 0	4	11 Sept., "
LONDONDERRY,	Coleraine,	Sir H. H. Bruce,	400 0 0	400 0 0	–	400 0 0	5	10 Dec., 1856.
	Keenaght,	James M'Clelland,	2,350 0 0	1,000 0 0	–	200 0 0	1	4 Dec., 1857.
		Ditto,	2,550 0 0	500 0 0	–	400 0 0	4	6 Nov., "
		George Scott,	407 0 0	200 0 0	–	120 0 0	3	16 May, 1855.
		James M'Sparron,	230 0 0	200 0 0	–	200 0 0	5	28 April, 1856.
		Elizabeth Boyle,	400 0 0	200 0 0	–	120 0 0	3	1 Dec., 1857.
	Tirkeeran,	Mervyn Wilson,	1,100 0 0	250 0 0	–	100 0 0	2	16 Oct., 1856.
DONEGAL,	Banagh,	William Sinclair,	287 0 0	250 0 0	–	50 0 0	1	18 Nov., 1857.
	Inishowen, West	Rev. N. G. Martin,	250 0 0	200 0 0	–	200 0 0	5	16 Oct., 1854.
		Ditto,	100 0 0	100 0 0	–	100 0 0	5	11 April, 1857.
	Kilmacrenan,	Henry Lethem,	200 0 0	200 0 0	–	80 0 0	2	8 Oct., 1856.
		William Stewart,	500 0 0	500 0 0	–	100 0 0	1	13 June, 1857.
	Raphoe,	Sir Robert Bateson,	650 0 0	300 0 0	–	300 0 0	5	7 Dec., 1854.
		Ditto,	150 0 0	150 0 0	–	150 0 0	5	24 Jan., 1856.
		Lord Lifford,	500 0 0	500 0 0	–	100 0 0	1	8 Aug., 1857.
FERMANAGH,	Tirkennedy,	Earl of Belmore,	2,014 0 0	1,500 0 0	–	300 0 0	1	7 May, 1857.
TYRONE,	Clogher,	Thomas R. Browne,	2,053 0 0	1,000 0 0	–	1,000 0 0	5	30 Sept., 1856.
		Samuel Vesey,	250 0 0	250 0 0	–	150 0 0	3	15 Dec., 1857.
	Dungannon, Mid	Earl of Charlemont,	650 0 0	550 0 0	–	330 0 0	3	14 Jan., 1856.
	Dungannon, Up.	Mervyn Stewart and George Vesey Stewart,	400 0 0	300 0 0	–	180 0 0	3	18 June, 1857.
		Rev. T. Carpendale,	200 0 0	150 0 0	–	30 0 0	1	14 May, "
	Omagh, East,	Robert V. Dixon,	400 0 0	400 0 0	–	400 0 0	5	24 Jan., 1855.
		Earl of Belmore,	3,275 0 0	1,500 0 0	–	300 0 0	1	29 Sept., 1857.
	Strabane, Lower	Marquess of Abercorn,	1,761 0 0	1,250 0 0	–	1,000 0 0	4	28 Sept., "
	Strabane, Uppr.	David White,	379 0 0	350 0 0	–	350 0 0	5	1 May, 1855.
		Ditto,	500 0 0	500 0 0	–	200 0 0	2	13 Sept., "
ARMAGH,	O'Neilland, West	Sir William Verner,	1,137 13 0	1,000 0 0	–	200 0 0	1	16 June, 1857.
	Tiranny,	A. H. Bond,	130 0 0	100 0 0	–	100 0 0	5	23 Jan., "
DOWN,	Ards,	Hugh Montgomery,	3,127 10 0	1,500 0 0	–	300 0 0	1	28 Jan., 1857.
		Ditto,	500 0 0	350 0 0	–	70 0 0	1	26 Oct., "

MIDLAND AND EASTERN DISTRICT.

CAVAN,	Clonmahon,	Lieut.-Gen. Edw. Fleming,	500 0 0	500 0 0	–	500 0 0	5	5 Nov., 1857.
	Tullygarvey,	Theophilus Clements,	750 0 0	600 0 0	–	480 0 0	4	6 May, 1856.
		E. B. Whyte Venables,	350 0 0	300 0 0	–	300 0 0	5	10 July, 1857.
	Tullyhaw,	Frederic Fitzpatrick,	150 0 0	150 0 0	–	150 0 0	5	29 April, "
		Ditto,	168 0 0	150 0 0	–	30 0 0	1	12 Oct., "
MONAGHAN,	Cremorne,	D. R. Goodlatte,	500 0 0	350 0 0	–	350 0 0	5	27 March, 1857.
	Dartree,	John C. Quinn,	1,000 0 0	900 0 0	–	180 0 0	1	3 Nov., 1853.
		Sydney A. Madden,	200 0 0	200 0 0	–	200 0 0	5	10 Oct., 1854.
	Trough,	J. W. Johnstone,	438 0 0	400 0 0	–	240 0 0	3	9 Dec., 1857.

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(B.) Schedule showing the Loans in progress, the amount applied for, &c.—*continued.*

County.	Barony.	Applicant.	Amount applied for.	Amount sanctioned.	Amount cancelled or relinquished.	Amount issued.	No. of Instalments issued.	Date of last Issue.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.		
LONGFORD,	Ardagh,	Samuel W. Blackall,	200 0 0	200 0 0	–	100 0 0	4	16 Oct., 1856.
	Longford,	Henry M. Bond,	140 0 0	100 0 0	–	20 0 0	1	22 Oct., 1857.
	Moydow,	John L. O'Ferrall,	100 0 0	100 0 0	–	100 0 0	5	23 Sept., "
	Shrule,	Thos. N. Lennon & Wife,	247 0 0	200 0 0	–	40 0 0	1	0 Nov., "
LOUTH,	Dundalk, Upr.	Richard Byrne,	255 0 0	250 0 0	–	50 0 0	1	15 Oct., 1857.
	Ferrard,	Sir A. E. Bellingham,	2,800 0 0	1,000 0 0	–	000 0 0	3	11 June, "
MEATH,	Duleek, Lower,	John Aickin,	150 0 0	150 0 0	–	150 0 0	5	6 Dec., 1854.
		James Mathews,	1,000 0 0	1,000 0 0	–	200 0 0	1	3 Nov., 1857.
	Fore,	J. L. Naper,	2,500 18 0	2,000 0 0	–	2,000 0 0	5	14 Sept., "
		Walter Kearney,	152 8 0	150 0 0	–	150 0 0	5	1 Dec., "
	Moyfenrath, Lr.	Edward M'Evoy,	1,206 0 0	600 0 0	–	120 0 0	1	3 Nov., 1853.
	Skreen,	Leonard Cornwall,	500 0 0	500 0 0	–	200 0 0	2	27 March, 1857.
		Ditto,	500 0 0	500 0 0	–	100 0 0	1	28 Jan., 1854.
	Slane, Lower,	Thomas Hutton,	2,450 0 0	2,250 0 0	–	1,800 0 0	4	28 Aug., 1850.
WESTMEATH,	Brawny,	Lord Castlemaine,	000 0 0	000 0 0	–	300 0 0	3	21 May, 1857.
	Clonlonan,	John Hodson,	400 0 0	400 0 0	–	320 0 0	4	20 April, "
	Fartullagh,	William Fetherston H.,	500 0 0	500 0 0	–	100 0 0	1	10 Jan., 1857.
		Ditto,	032 11 2	500 0 0	–	500 0 0	5	27 Feb., 1856.
		C. B. Marlay,	027 0 0	000 0 0	–	000 0 0	5	20 July, 1854.
	Kilkenny, West,	St. George Gray,	100 0 0	100 0 0	–	100 0 0	5	4 July, 1857.
		A. H. Griffith,	204 0 0	200 0 0	–	80 0 0	2	23 Oct., 1850.
	Moycashel,	James H. Dickson,	1,575 0 0	500 0 0	–	900 0 0	3	21 June, 1854.
	Rathconrath,	William Palmer,	400 0 0	400 0 0	–	160 0 0	2	16 Aug., 1856.
DUBLIN,	Balrothery, East	Anna M. Dease,	2,040 0 0	2,000 0 0	–	1,200 0 0	3	7 March, 1855.
	Coolock,	Anne Chomley,	250 0 0	250 0 0	–	150 0 0	3	31 Dec., 1857.
		Sir C. C. W. Domvile,	100 0 0	100 0 0	–	100 0 0	5	7 Aug., "
		Ditto,	500 0 0	500 0 0	–	200 0 0	2	7 July, "
KILDARE,	Ikeathy and Oughterarany,	Christopher Rynd,	203 0 0	200 0 0	–	200 0 0	5	13 Dec., 1855.
		Ditto,	254 4 11	250 0 0	–	250 0 0	5	3 Nov., 1857.
		Ditto,	400 0 0	400 0 0	–	400 0 0	5	21 July, "
	Kilkea and Moone	F. R. Malcomson,	050 0 0	600 0 0	–	120 0 0	1	12 May, "
		Thomas C. Wakefield, jun.,	100 0 0	100 0 0	–	80 0 0	4	17 April, "
	Naas, South,	Earl of Clonmel,	150 0 0	150 0 0	–	150 0 0	5	17 Feb., "
		Sir E. D. Burrowes,	600 0 0	300 0 0	–	240 0 0	4	0 March, "
		J. A. Palliser,	350 0 0	350 0 0	–	360 0 0	5	14 Dec., "
	Salt, South,	Ditto,	100 0 0	100 0 0	–	100 0 0	5	23 May, "
KING'S,	Lower Philipstown.	Earl of Charleville,	167 0 0	150 0 0	–	150 0 0	5	15 Aug., 1854.
		Ditto,	2,203 0 0	2,000 0 0	–	2,000 0 0	5	11 July, 1856.
		Ditto,	351 0 0	350 0 0	–	350 0 0	5	2 June, 1855.
QUEEN'S,	Clarmallagh,	P. R. Maillard,	992 2 4	500 0 0	–	400 0 0	4	3 Feb., 1857.
	Cullenagh,	Samuel Edge,	2,702 10 0	1,000 0 0	–	200 0 0	1	29 Dec., 1856.
		John Edge,	1,057 0 0	700 0 0	–	140 0 0	1	0 " 1857.
	Slievemargy,	Sir J. W. Hort,	200 0 0	200 0 0	–	200 0 0	5	4 Dec., "
		Joseph Fishbourne,	250 0 0	250 0 0	–	200 0 0	4	8 Aug., "
	Upperwoods,	Samuel J. Morton,	1,095 0 0	700 0 0	–	700 0 0	5	23 Jan., 1854.
		Sir E. D. Burrowes,	1,500 0 0	1,000 0 0	–	600 0 0	3	13 June, 1857.
WICKLOW,	Arklow,	Earl of Wicklow,	5,000 0 0	1,300 0 0	–	1,040 0 0	4	23 Nov., 1853.
	Ballinacor, Nth.	Thomas Doyle,	100 0 0	100 0 0	–	100 0 0	5	31 May, 1856.
	Newcastle,	Hugh Eccles,	206 0 0	200 0 0	–	200 0 0	5	31 Dec., 1857.
		John Edwards,	600 0 0	250 0 0	–	50 0 0	1	7 Jan., "
		R. H. Trnell,	150 0 0	150 0 0	–	30 0 0	1	28 Sept., "
	Rathdown,	John K. Edwards,	240 0 0	200 0 0	–	200 0 0	5	13 Dec., 1855.
	Talbotstown, Lr.	J. S. Moore,	5,000 0 0	1,000 0 0	–	200 0 0	1	10 Oct., 1854.
	Talbotstown, Upper,	George Reade,	300 0 0	200 0 0	–	200 0 0	5	24 May, "
		Sir Robert J. Paul,	913 0 0	900 0 0	–	900 0 0	5	27 June, "
CARLOW,	Carlow,	D. W. P. Beresford,	5,000 0 0	2,000 0 0	–	1,200 0 0	3	24 Dec., 1857.
		Sir Thomas Butler, Bart.	410 0 0	400 0 0	–	80 0 0	1	7 " "
	Forth,	John Connolly,	4,400 0 0	2,000 0 0	–	800 0 0	2	7 Aug., "
	Idrone, East,	Philip Bagenal,	400 0 0	400 0 0	–	240 0 0	3	10 Aug., 1854.
		Henry Bruen,	257 0 0	250 0 0	–	50 0 0	1	20 March, 1856.
		Ditto,	383 0 0	350 0 0	–	70 0 0	1	26 " "
	Idrone, West,	John Alexander,	1,200 0 0	1,200 0 0	–	240 0 0	1	2 Aug., "
	Rathvilly,	Anna Hutchinson,	785 0 0	450 0 0	–	90 0 0	1	4 June, "
		Mrs. H. A. Whitty,	462 0 0	350 0 0	–	280 0 0	4	8 Jan., 1857.

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(B.) Schedule showing the Loans in progress, the amount applied for, &c.—*continued.*

County.	Barony.	Applicant.	Amount applied for.	Amount sanctioned.	Amount cancelled or relinquished.	Amount issued.	No. of Instalments issued.	Date of last Issue
			£ s. d.	£ s. d.	£ s. d.	£ s. d.		
Kilkenny,	Knocktopher,	John de Montmorency,	730 0 0	650 0 0	–	390 0 0	3	5 Jan., 1856.
		Hugo W Jones,	312 18 9	300 0 0	–	60 0 0	1	2 June, „
		Rev. Sir R. Langrishe,	150 0 0	150 0 0	–	60 0 0	2	6 May, 1857.
		R. F. Franks,	510 0 0	500 0 0	–	100 0 0	1	2 „ „
Wexford,	Ballaghkeen,	A. W. G. Guinness,	865 0 0	800 0 0	–	480 0 0	3	24 June, 1857.
		Fanny Irvine,	1,000 0 0	1,000 0 0	–	800 0 0	4	21 Aug., 1856.
	Bentry,	C. J. Orogan,	592 0 0	500 0 0	–	300 0 0	3	10 Aug., 1857.
	Bargy,	Anthony Cliffe,	500 0 0	500 0 0	–	100 0 0	1	11 May, 1853
	Gorey,	Edward Smith,	200 0 0	200 0 0	–	40 0 0	1	3 Aug., 1857.
	Scarewalsh,	Charles Lett,	600 0 0	500 0 0	–	500 0 0	5	10 May, „
		John Dumville,	200 0 0	200 0 0	–	120 0 0	3	15 Nov., 1853.
	Shelburne,	Lord Templemore,	600 0 0	600 0 0	–	600 0 0	5	2 May, 1857.
	Shelmaliere,	Cadwallader Wilson,	400 0 0	400 0 0	–	240 0 0	3	8 May, 1857.

WESTERN DISTRICT.

County.	Barony.	Applicant.	Amount applied for.	Amount sanctioned.	Amount cancelled or relinquished.	Amount issued.	No. of Instalments issued.	Date of last Issue
Sligo,	Carbury,	A. H. L. Popham,	750 0 0	500 0 0	–	100 0 0	1	14 Jan., 1857.
	Leyney,	Richard Phibbs,	1,000 0 0	500 0 0	–	200 0 0	2	11 Sept., „
Leitrim,	Carrigallen,	P. D. La Touche,	500 0 0	500 0 0	–	100 0 0	1	30 Aug., 1855
	Leitrim,	Charles R. Peyton,	248 9 0	200 0 0	–	120 0 0	3	31 May, 1856.
		John Duckworth,	450 0 0	250 0 0	–	50 0 0	1	6 Sept., 1854.
Mayo,	Erris,	Denis Godley,	100 0 0	100 0 0	–	40 0 0	2	12 Feb, 1857.
		Samuel Bourns,	300 0 0	300 0 0	–	00 0 0	1	13 June, „
	Murrisk,	Morgness of Sligo,	1,200 0 0	950 0 0	–	570 0 0	3	26 Aug., 1854.
		Ditto,	945 0 0	900 0 0	–	540 0 0	3	10 March, 1856.
Roscommon,	Athlone,	John Burke,	313 0 0	300 0 0	–	60 0 0	1	13 June, 1857.
		Lord Crofton,	314 0 0	300 0 0	–	300 0 0	5	8 Sept, 1854.
		W. J. M'Laughlin,	711 9 7	500 0 0	–	100 0 0	1	8 Dec., 1855.
		Ditto,	372 9 9	350 0 0	–	280 0 0	4	30 Jan., 1857.
		Fitzstephen French,	400 0 0	400 0 0	–	240 0 0	3	20 March, 1856.
		W. D. Daly,	600 0 0	350 0 0	–	350 0 0	5	14 Dec, 1857.
		Ditto,	111 0 0	100 0 0	–	100 0 0	5	16 Nov., „
	Boyle,	Alice Mulloy,	200 0 0	200 0 0	–	40 0 0	1	6 Sept., 1853.
		John L. Hackett,	400 0 0	400 0 0	–	80 0 0	1	26 Nov., 1853.
		Ditto,	400 0 0	300 0 0	–	300 0 0	5	20 July, 1857.
	Castlereagh,	Patrick Grehan,	1,200 0 0	1,000 0 0	–	200 0 0	1	23 Aug, 1854.
		Nicholas Balfe,	722 0 0	700 0 0	–	280 0 0	2	30 May, 1855.
		Roderick O'Connor,	242 0 0	200 0 0	–	120 0 0	3	20 July, 1856.
	Moycarn,	Thomas Brabazon,	500 0 0	500 0 0	–	200 0 0	2	23 Sept., 1857.
	Roscommon,	H. S. P. Mahon,	600 0 0	600 0 0	–	600 0 0	5	24 March, „
		Gilbert Mahon,	326 0 0	200 0 0	–	40 0 0	1	25 Oct, 1853.
Galway,	Ballynahinch,	Charles P. Archer,	600 0 0	300 0 0	–	120 0 0	2	28 Nov., 1857.
	Ballymoe,	C. D. O'Rorke,	739 0 0	400 0 0	–	80 0 0	1	30 April, 1855.
	Clare,	D. Rutledge,	1,000 0 0	1,000 0 0	–	800 0 0	4	19 Aug, 1857.
	Dunkellin,	E. M. Deane,	100 0 0	100 0 0	–	80 0 0	4	24 Oct., 1855.
		Ditto,	200 0 0	200 0 0	–	100 0 0	4	30 Jan., 1857.
	Dunmore,	Cornelius J. O'Kelly,	671 0 0	650 0 0	–	650 0 0	5	24 Jan., 1855.
		John Dennis,	391 0 0	200 0 0	–	160 0 0	4	6 Dec., 1854.
	County of the Town of Galway,	P. S. Comyn,	162 0 0	150 0 0	–	120 0 0	4	25 July, 1856.
	Galway,	Thomas J. Blake,	764 0 0	250 0 0	–	250 0 0	5	15 Jan, „
	Kiloonnell,	Patrick J. Kelly,	279 0 0	250 0 0	–	200 0 0	4	16 March, 1855.
		James M. Bourchier,	425 0 0	400 0 0	–	240 0 0	3	7 May, 1857.
		Ditto,	790 0 0	050 0 0	–	130 0 0	1	14 May, 1855.
		C. J. Lynch,	412 0 0	350 0 0	–	210 0 0	3	9 Dec., 1857.
	Killian,	J. W. Mounsell,	350 0 0	350 0 0	–	140 0 0	2	5 June, 1856.
	Longford,	William C. Seymour,	581 2 4	500 0 0	–	300 0 0	3	1 Dec., 1857.
	Laughrea,	Thomas Seymour,	363 0 0	300 0 0	–	00 0 0	1	16 April, 1856.
		Henry Cloren,	382 0 0	350 0 0	–	70 0 0	1	17 Dec., 1857.
	Moycullen,	G. F. O'Flaherty,	899 0 0	500 0 0	–	100 0 0	1	21 Oct., 1856.
	Tiequin,	T. J. Blake,	500 0 0	500 0 0	–	100 0 0	1	16 Jan., „
Clare,	Bunratty, Lower,	Andrew Caswell,	300 0 0	250 0 0	–	250 0 0	5	3 Aug., 1854.
		Philip M'Adam,	1,364 0 0	1,000 0 0	–	1,000 0 0	5	3 May, 1856.
		Samuel Caswell,	642 0 0	600 0 0	–	600 0 0	5	6 Feb., 1855.
		Andrew Caswell,	271 0 0	250 0 0	–	250 0 0	5	4 Aug., „

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(B.) Schedule showing the Loans in progress, the amount applied for, &c.—*continued.*

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			£ s. d.	£ s. d.	£ s. d.	£ s. d.		
Clare—*con.*	Burren,	William Stacpoole,	1,000 0 0	800 0 0	–	160 0 0	1	7 July, 1857.
		Henry White,	500 0 0	500 0 0	–	500 0 0	5	21 July, „
		Ditto,	3,212 0 0	1,900 0 0	–	1,900 0 0	5	31 Jan., „
	Islands,	The Marquess Conyngham,	1,212 5 2	1,000 0 0	–	1,000 0 0	5	22 May, 1856.
	Moyarta,	Andrew Caswell,	1,146 0 0	800 0 0	–	480 0 0	3	24 March, 1857.
		William Armstrong,	500 0 0	500 0 0	–	100 0 0	1	10 July, „
		Ditto,	500 0 0	400 0 0	–	80 0 0	1	18 March, „
	Tulla, Lower,	Mary Caswell,	268 0 0	250 0 0	–	150 0 0	3	8 April, „
	Tulla, Upper,	Michael Skehan,	400 0 0	400 0 0	–	80 0 0	1	15 Oct., „

SOUTHERN DISTRICT.

County.	Barony.	Applicant.	Amount applied for.	Amount sanctioned.	Amount cancelled or relinquished.	Amount issued.	No. of Instalments issued.	Date of last Issue.
Limerick,	Clanwilliam,	Thomas Prosser,	500 0 0	300 0 0	–	300 0 0	5	22 Feb., 1858.
		John Croker,	105 0 0	100 0 0	–	100 0 0	5	7 March, „
		Richard Moore,	301 0 0	300 0 0	–	120 0 0	2	23 April, 1857.
	Connelloe, Upper,	Trustees of the late James Lock,	729 0 0	700 0 0	–	280 0 0	2	18 May, „
		Lord Cork and Orrery,	362 7 4	350 0 0	–	70 0 0	1	21 June, 1855.
		John Anster,	300 0 0	300 0 0	–	120 0 0	2	29 Sept., 1854.
		Robert Ferguson,	300 0 0	200 0 0	–	80 0 0	2	10 Nov., 1858.
		E. F. Conyers,	594 8 9	500 0 0	–	200 0 0	2	13 Sept., „
		R. O'Shaughnessy,	340 0 0	300 0 0	–	60 0 0	1	7 Jan., 1857.
		Thomas Fosberry,	500 0 0	500 0 0	–	100 0 0	2	2 June, 1858.
		Jonathan W. Shelton,	750 0 0	700 0 0	–	140 0 0	1	2 April, 1857.
	Coshlea,	Charles W. Smith,	1,159 12 4	800 0 0	–	480 0 0	3	7 July, „
		Hugh Massy,	1,000 0 0	1,000 0 0	–	400 0 0	2	17 Oct., „
	Glenquin,	Thomas Willis,	150 0 0	150 0 0	–	150 0 0	5	28 Feb., „
	Kenry,	George Fosbery,	1,000 0 0	1,000 0 0	–	200 0 0	1	9 Dec., 1854.
	Shanid,	Thomas Bateson,	1,000 0 0	1,000 0 0	–	200 0 0	1	16 Sept., 1858.
		Christopher Delmege,	2,932 2 5	1,500 0 0	–	300 0 0	1	16 Nov., 1855.
Tipperary,	Clanwilliam,	James H. S. Barry,	2,000 0 0	1,900 0 0	–	1,900 0 0	5	14 March, 1857.
		M. Dawson,	1,000 0 0	1,000 0 0	–	400 0 0	2	15 Sept., 1850.
	Eliogarty,	Joseph O. Radcliff,	500 0 0	300 0 0	–	60 0 0	1	20 April, 1855.
	Iffa & Offa, East,	Henry C. Bowen,	209 0 0	200 0 0	–	200 0 0	5	3 Sept., 1858.
		Ditto,	210 0 0	200 0 0	–	40 0 0	1	12 Nov., 1853.
		Ditto,	250 0 0	250 0 0	–	150 0 0	3	10 Sept., 1858.
	Middlethird,	Rev. V. R. Drapes and Mary L. Skelton,	349 17 4	300 0 0	–	300 0 0	5	6 Dec., 1855.
		Ditto, ditto,	300 0 0	300 0 0	–	60 0 0	1	24 April, 1857.
	Ormond, Lower,	Henry Dwyer,	500 0 0	500 0 0	–	300 0 0	3	7 Feb., 1858.
	Ormond, Upper,	Samuel Brindley,	553 0 0	300 0 0	–	180 0 0	3	12 March, „
		Nicholas Roche,	800 0 0	500 0 0	–	200 0 0	2	26 Nov., „
	Owney and Arra	William Parker,	300 0 0	300 0 0	–	00 0 0	1	14 Jan., 1857.
		H. Albert Lee,	207 14 8	150 0 0	–	90 0 0	3	12 March, 1856.
		Ditto,	412 0 0	400 0 0	–	400 0 0	5	31 July, 1855.
		William Parker,	300 0 0	300 0 0	–	00 0 0	1	14 Jan., 1857.
	Slieveardagh,	Laurence Waldron,	1,010 0 0	1,500 0 0	–	1,500 0 0	5	7 May, 1858.
		William Barker,	250 0 0	250 0 0	–	150 0 0	3	22 July, „
Waterford,	Decies without Drum,	College of Physicians,	3,862 0 0	3,500 0 0	–	2,000 0 0	4	2 June, 1857.
		G. T. Baker,	533 0 0	500 0 0	–	100 0 0	1	8 Oct., 1858.
Cork,	Barretts,	James Jones,	1,001 0 0	500 0 0	–	100 0 0	1	8 Oct., 1858.
	Barrymore,	Henry Hudson,	850 0 0	850 0 0	–	340 0 0	2	14 Sept., 1857.
		M. E. T. Oliver,	700 0 0	500 0 0	–	500 0 0	5	18 „ „
	Bear,	Lord C. P. P. Clinton,	1,000 0 0	500 0 0	–	200 0 0	2	6 Nov., 1856.
		Ditto,	2,000 0 0	2,000 0 0	–	800 0 0	2	6 „ „
	Duhallow,	C. P. Soulsby,	205 18 0	200 0 0	–	200 0 0	5	27 March, 1857.
		Nicholas P. Leader,	1,000 0 0	1,000 0 0	–	700 0 0	4	4 Feb., „
		William Sullivan,	272 18 1	200 0 0	–	40 0 0	1	13 June, „
	Fermoy,	N. P. Leader,	300 0 0	300 0 0	–	300 0 0	5	29 Dec., „
		Robert E. Gibbings,	4,490 0 0	1,000 0 0	–	400 0 0	2	30 Jan., „
		James Lysaght,	165 0 0	150 0 0	–	150 0 0	5	14 May, „
		R. E. Gibbings,	1,000 0 0	500 0 0	–	100 0 0	1	12 Feb., 1855.
		James Lysaght,	146 0 0	100 0 0	–	20 0 0	1	19 Sept., 1858.
	Imokilly,	Earl of Shannon,	850 0 0	450 0 0	–	270 0 0	3	21 Dec., 1857.
		John Litchfield,	640 0 0	400 0 0	–	400 0 0	5	7 July, „
		Ditto,	201 10 0	200 0 0	–	200 0 0	5	31 March, „
		Mountifort Longfield,	780 0 0	700 0 0	–	420 0 0	3	25 July, „
		R. W. G. Adams,	234 0 0	200 0 0	–	200 0 0	5	9 Nov., „
	Kerrycurrihy,	Richard Woodley,	657 0 0	600 0 0	–	300 0 0	3	8 Aug., 1856.
		Daniel M'Carthy,	150 0 0	150 0 0	–	60 0 0	2	22 Oct., 1857.
	Kinalea,	Lord C. P. P. Clinton,	1,500 0 0	1,500 0 0	–	000 0 0	2	14 April, „

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(B.) Schedule showing the Loans in progress, the amount applied for, &c.—*continued.*

County.	Barony.	Applicant.	Amount applied for.	Amount sanctioned.	Amount cancelled or relinquished.	Amount issued.	No. of instalments issued.	Date of last Issue.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.		
Cork—*con.*	Muskerry, West	St. John Jeffreys,	671 0 0	600 0 0	–	600 0 0	5	14 April, 1856.
		Henry Leader,	680 0 0	600 0 0	–	360 0 0	3	11 Aug., 1855.
		John M'Carthy,	600 0 0	400 0 0	–	160 0 0	2	6 April, 1857.
		Colonel H. Wallis,	600 0 0	500 0 0	–	100 0 0	1	17 Oct., "
	Orrery and Kilmore,	Robert Saunders,	230 0 0	200 0 0	–	120 0 0	3	19 Aug., "
Kerry,	Clanmaurice,	William J. Neligan,	326 14 0	300 0 0	–	180 0 0	3	25 Oct., 1854.
		Gerald F. O'Connor,	360 0 0	300 0 0	–	300 0 0	5	4 Feb., 1857.
	Iraghticonnor,	Rev. George Browne,	271 10 0	250 0 0	–	50 0 0	1	14 Dec., "
	Iveragh,	Knight of Kerry,	3,600 0 0	2,000 0 0	–	400 0 0	1	24 Dec., "
	Magunihy,	Oliver D. Stokes,	1,430 0 0	600 0 0	–	120 0 0	1	13 Nov., 1854.
	Trughenackmy,	Robert F. Meredith,	1,271 0 0	500 0 0	–	200 0 0	2	6 Feb., 1855
		Charles F. Nash,	599 0 0	500 0 0	–	200 0 0	2	5 Aug., "
		Richard Leahy,	700 0 0	700 0 0	–	280 0 0	2	11 Dec., 1854.
		Samuel M. Hussey,	493 18 0	300 0 0	–	240 0 0	4	6 May, 1856.
		Edward Morphy,	738 0 0	500 0 0	–	200 0 0	2	20 Oct., 1857.
		Rev. R. F. Meredyth,	300 0 0	200 0 0	–	40 0 0	1	22 Sept., 1856.
		Ditto,	600 0 0	500 0 0	–	100 0 0	1	7 Feb., "
		Edward Harnett,	1,050 0 0	1,000 0 0	–	200 0 0	1	25 July, 1857.

By Order,

E. Hornsby, *Secretary.*

Office of Public Works,
Dublin, 31*st May,* 1858.

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APPENDIX C.

ARTERIAL DRAINAGE.

Page.

SCHEDULE No. 1.—Abstract of Awards made Final up to the 31st December, 1857, and repayments thereon up to the 31st December, 1857, ... 58

„ 2.—Return of Districts in Hands, with the expenditure and employment thereon, for year ending 31st December, 1857, ... 62

„ 3.—Return of Districts in which works have not been undertaken, ... 64

EXTRACTS from the Annual Reports, for the year 1857, of the following Engineers, viz. :—

No. 1.—Battersby, C. J., C.E., Inny, counties of Meath, Westmeath, Cavan, and Longford, stationed at Balnalack, Rathowen, ... 64

„ 2.—Farrell, Martin, C.E., Loughs Oughter and Gowna and River Erne, and Ballinamore and Ballyconnell, counties of Cavan, Fermanagh, Leitrim, and Longford, stationed at Cavan, ... 66

„ 3.—Harding, Samuel, C.E., Rinn and Blackriver, counties of Leitrim and Longford, stationed at Mohill, ... 70

„ 4.—Kane, H. J. B., C.E., Brosna (Ferbane), and Kilbeggan, counties Westmeath and King's, stationed at Tullamore, ... 71

„ 5.—Kelly, J. W., C.E., Fergus, Quin, Annagh, and Comogue, counties Clare, Galway, and Limerick, stationed at Ennis, ... 73

„ 6.—Lyons, A. O., C.E., Longford and Kesnagh, county Longford, stationed at Longford, . 75

„ 7.—Mason, John S., C.E., Lough Gara and Mantua, counties Roscommon, Sligo, and Mayo, stationed at Frenchpark, ... 76

„ 8.—Ottley, Charles S., C.E., Lough Neagh, counties Antrim, Londonderry, Armagh, Tyrone, and Down, stationed at Castledawson, ... 78

„ 9.—Roberts, Samuel U., C.E., Loughs Corrib, Mask, and Carra, Dunkellin, Lavally, Turloughmore, Lough Mask and River Robe, Balla, Shrule, and Lough Lannagh, counties Galway and Mayo, stationed at Galway, ... 81

„ 10.—Tarrant, George, C.E., Dunmore and Monivea, counties Galway, Mayo, and Roscommon, stationed at Tuam, ... 83

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SCHEDULE No. 1.—ABSTRACT of ONE HUNDRED and SEVEN DRAINAGE AWARDS made

No. of District, or Final Notice.	Districts.	Counties.	Area of Catchment, or Rain Basin.	No. of Award.	Date when Awards made final.	Total Amount of Expenditure, for all purposes.	Portion of Total Expenditure charged to Counties for Public Works.	Portion of Total Expenditure charged on Lands.
			Stat. Acres.			£ s. d.	£ s. d.	£ s. d.
		Twelve Awards made Final in the Year 1849.						
1	Blackwater,	Meath and Kildare,	50,000	1	16 March,	12,115 16 6	1,839 15 9	10,276 0 9
*4	Oranhill (*Supplemental 13th February*, 1857),	Galway,	Unknown, being in cavernous limestone.	2	4 April,	3,871 16 2	190 16 2	2,050 0 0
64	Ballycowan,	Kildare,	1,000	3	16 June,	729 3 2	87 9 10	641 13 4
63	Gorteen,	Do.,	7,170	4	16 „	3,526 4 11	139 10 4	3,380 14 7
87	Hermitage,	Do.,	600	5	16 „	286 16 1	13 5 10	273 10 3
57	Kilmurry,	Meath,	2,000	6	30 July,	938 13 3	55 14 9	882 18 6
26	Loughnasaggart,	Meath and Westmeath,	2,500	7	6 September,	683 14 6	9 6 6	674 8 0
13	Red Bog,	Meath,	3,000	8	6 „	964 10 11	69 19 11	898 0 9
107	Carbury Mill-stream,	Kildare,	1,600	9	19 October,	637 10 10	34 18 3	602 12 7
139	Wilkinstown,	Meath,	10,000	16	19 „	1,764 0 6	190 17 7	1,573 2 5
67	Carrigans,	Donegal,	3,330	11	26 „	2,475 7 10	141 5 3	2,334 2 7
*6	Kilmannock, (*Supplemental, 18th August*, 1854),	Wexford,	8,532	12	26 „	9,836 13 7	–	7,830 13 7
		Twenty-seven Awards made Final in the Year 1850.						
30	Ballinderry,	Westmeath and King's,	1,658	13	30 April,	1,262 9 10	136 1 3	1,126 6 7
45	Mullafarry,	Mayo,	2,210	14	30 „	980 13 0	134 3 7	852 9 5
46	Lough Alick,	Do.,	4,064	15	30 „	2,881 12 6	122 7 11	2,759 4 7
48	Owenkeagh,	Cork,	15,300	16	30 „	1,277 7 3	70 11 7	1,206 15 6
55	Carriggower,	Wicklow,	12,000	17	30 „	3,237 8 4	102 10 7	3,134 17 9
74	Shandrum,	Mayo,	700	18	30 „	712 16 3	–	712 16 3
*110	Carrowmore Lake (*Supplemental, 31st March*, 1856),	Do.,	800	19	30 „	796 12 1	6 7 1	493 0 0
113	Drumbominy,	Fermanagh,	1,600	20	30 „	333 8 9	–	333 8 9
141	Moyne and Crosspatrick,	Mayo,	600	21	30 „	702 13 9	23 1 6	679 12 3
154	Curragha,	Meath and Dublin,	2,500	22	30 „	1,204 5 9	–	1,204 5 9
112	Kinmeen,	Fermanagh,	1,000	23	2 September,	244 16 4	–	244 10 4
58	Headford,	Leitrim,	3,520	24	10 „	1,010 12 9	87 10 0	923 2 9
105	Kilcock,	Meath,	3,230	25	10 „	1,819 3 5	17 14 6	1,801 9 5
24	Ballybay,	Roscommon,	3,300	26	1 October,	848 17 4	41 6 2	807 11 2
106	Gary,	Kildare,	3,000	27	1 „	3,816 12 8	385 12 6	3,431 0 2
*12	Lorrha (*Supplemental 29th April*, 1857),	Tipperary,	8,900	28	8 „	3,504 19 3	55 0 0	2,800 6 0
*21	Owennbrockagh (*Supplemental, 13th March*, 1855),	Mayo,	6,000	29	26 „	3,154 5 7	00 15 11	1,500 6 0
*23	Moyour (*Supplemental 12th April*, 1855),	Do.,	6,000	30	26 „	8,764 1 2	1,039 19 9	4,000 6 0
*60	Curraunboy (*Supplemental, 10th January*, 1856),	Do.,	200	31	26 „	295 5 7	26 9 4	200 6 0
*70	Guilmore (*Supplemental, 10th January*, 1856),	Do.,	500	32	26 „	326 13 6	18 8 16	49 5 11
*71	Broadlough (*Supplemental, 10th January*, 1856),	Do.,	1,000	33	26 „	1,241 16 9	135 15 6	900 0 0
*72	Mullawn (*Supplemental, 10th January*, 1856),	Do.,	400	34	26 „	347 7 4	13 12 2	300 0 0
73	Cameloon,	Do.,	400	35	26 „	602 13 5	388 13 1	214 0 4
*110	Tawnawoggaun (*Supplemental, 31st March*, 1856),	Do.,	2,200	36	26 „	1,394 0 10	155 12 4	1,000 0 0
152	Ballinakill,	Meath,	1,850	37	26 „	1,167 4 7	93 14 3	1,073 10 4
155	Boardsmill,	Do.,	6,850	38	26 „	4,191 5 3	677 19 10	3,513 5 5
150	Ballinaskea & Castlerickard,	Do.,	3,900	39	26 „	2,223 11 7	187 4 1	2,036 7 6
		Nineteen Awards made Final in the Year 1851.						
*83	Castlebar Lakes (*Supplemental, 7th March*, 1855),	Mayo,	1,800	40	29 April,	1,708 6 4	11 15 7	277 7 7
*31	Kilmaine (*Supplemental, 13th March*, 1855),	Do.,	16,000	41	29 „	10,990 10 1	243 4 11	7,000 0 0
169	Saleen Lough,	Do.,	2,850	42	29 „	3,079 13 11	135 18 0	2,943 15 5
*7	Fane (*Supl., 1st July*, 1854),	Louth,	87,400	43	20 September,	8,155 15 6	926 3 1	6,229 12 5
25	Nobber,	Meath,	40,000	44	20 „	7,634 3 4	580 17 11	7,053 5 5
180	Wottonstown,	Louth,	6,360	45	20 „	1,102 13 6	80 17 7	1,021 15 5
34	Ballinhassig,	Cork,	23,500	46	13 October,	7,844 17 1	568 8 9	7,276 8 4
*5	Cahore (*Supplemental 26th February*, 1857),	Wexford,	7,000	47	13 „	4,315 14 11	45 11 6	3,250 0 0
125	Clonlost,	Westmeath,	3,500	48	13 „	2,406 14 3	209 9 6	2,197 4 10
49	Ratooragh,	Cork,	2,780	49	13 „	926 7 11	–	928 7 11
56	Shandon,	Waterford,	160	50	13 „	1,030 12 0	370 0 6	660 12 0
151	Lough Crew,	Meath,	2,396	51	15 „	2,753 10 6	157 18 6	2,596 1 2
*28	Ballycasey (*Supplemental, 23rd February*, 1855),	Tipperary,	7,680	52	17 „	3,805 3 2	185 13 4	3,000 0 0
*108	Boley (*Supplemental 6th April*, 1857),	Galway,	3,500	53	17 „	2,220 14 2	139 10 7	1,300 0 0
188	Lisduff,	Do.,	2,400	54	18 „	1,545 15 11	–	1,545 15 11
121	Foronwell,	Kildare,	3,800	55	29 „	3,475 1 8	67 2 7	3,407 19 1
166	Lough Dalla,	Mayo,	4,500	56	29 „	2,836 11 9	191 1 10	2,645 9 11
187	Glenarriff,	Antrim,	9,200	57	30 „	3,345 4 4	–	3,345 4 4
140	Maghera,	Down,	19,000	58	30 „	1,397 12 1	–	1,397 12 1

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Final up to December 31, 1857, and Repayments thereon, up to December 31, 1857.

Area of Flooded or Injured Lands, which have been Drained or Improved, Statute Measure.	Cost per Acre of the Drainage, including Interest, &c.	Increase in the Annual Letting Value of these Lands, caused by Drainage.	Amount of Instalments payable half-yearly, to repay Cost with Interest.	No. of half-yearly Instalments to repay principal and interest.	Repayments. To end of 1856.	Repayments. During 1857.	Repayments. Total.	Districts.	No. of District, or Final Notice.
A. R. P.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.		
3,827 2 18	2 13 8	1,034 7 6	382 4 1	40	9,901 10 10	447 17 11	10,349 8 6	Blackwater,	1
974 0 16	3 15 7	316 10 1	87 13 8	26	2,411 8 9	634 18 11	3,046 7 8	Oranhill,	4*
215 2 26	2 19 6	58 17 3	23 12 2	40	638 18 0	33 11 4	672 9 4	Ballycowan,	64
1,440 0 12	2 7 0	438 6 2	124 12 1	40	2,318 3 11	284 17 3	2,603 1 2	Gorteen,	63
150 1 38	1 16 5	26 13 11	10 1 3	40	157 4 6	15 18 7	173 3 1	Hermitage,	87
369 1 22	2 7 6	143 10 1	32 6 8	40	620 6 4	50 18 11	671 5 3	Kilmurry,	67
103 1 38	3 9 9	59 11 4	26 16 6	40	579 9 5	208 1 8	787 11 1	Loughinasaggart,	26
241 2 8	3 14 4	75 8 6	33 0 6	40	605 3 2	59 2 11	664 6 1	Red Bog,	13
196 0 20	3 1 6	44 10 0	22 3 5	40	365 4 1	43 12 10	408 16 11	Carbury Mill stream,	107
700 2 37	2 4 10	217 16 8	57 17 6	46	1,090 17 9	107 15 8	1,198 13 5	Wilkinstown,	139
634 2 18	3 13 6	217 3 8	85 17 6	40	1,453 16 2	183 0 11	1,637 0 1	Carrigans,	67
509 1 12	19 6 3	702 0 1	241 17 6	24	5,775 11 7	476 0 7	6,251 12 2	Kilmannock,	6*
311 0 38	3 12 6	112 8 6	49 4 8	32	914 1 11	63 10 5	977 12 4	Ballinderry,	36
326 0 15	2 12 4	117 5 1	39 6 2	30	676 10 3	76 15 11	752 6 2	Mullafarry,	45
621 2 30	2 19 10	240 16 7	103 15 6	40	1,531 0 0	87 3 4	1,618 8 4	Lough Alick,	46
393 2 15	3 1 4	99 9 10	41 15 1	44	683 18 4	77 5 0	761 3 4	Owenkeagh,	48
502 0 31	5 6 10	274 16 9	126 7 0	36	1,855 15 6	236 16 9	2,092 12 3	Carriggower,	55
132 1 35	5 7 7	53 16 6	24 13 1	44	636 16 6	16 4 2	653 3 8	Shandrum,	74
199 2 30	3 16 2	54 18 5	15 16 3	20	363 4 0	31 2 6	394 6 6	Carrowmore Lake,	116*
134 2 5	2 9 7	36 11 6	14 6 2	32	198 0 10	28 13 10	226 14 8	Drumbonniny,	113
96 1 32	7 0 11	50 16 10	28 10 3	44	340 7 2	40 3 7	386 10 9	Moyna and Crosspatrick,	141
407 3 32	3 2 0	122 6 7	54 1 6	36	702 11 8	104 15 10	807 7 6	Curragha,	154
87 3 31	2 15 7	28 2 9	16 9 10	32	128 15 8	26 19 6	155 15 2	Kinmeen,	112
304 1 20	3 0 8	144 10 9	43 13 11	28	650 4 7	80 0 6	730 5 1	Headford,	58
491 3 11	3 13 4	196 4 1	67 16 1	40	930 19 5	129 1 2	1,060 0 7	Kilcock,	105
414 3 27	1 18 11	124 0 8	44 5 8	24	610 4 6	87 3 1	697 7 10	Ballybay,	24
944 0 23	3 12 8	282 10 8	126 4 8	40	1,687 14 8	248 6 6	2,236 1 2	Garr,	106
1,057 1 13	3 5 3	335 7 0	92 2 4	24	1,766 7 1	935 15 10	2,662 2 11	Lorrha,	12*
376 0 35	8 1 6½	224 1 0	23 9 1	26	1,719 10 1	14 0 6	1,733 10 6	Owenabrockagh,	21*
1,040 3 11	7 8 5	553 3 4	98 17 3	26	4,015 16 7	197 0 5	4,213 6 6	Moyour,	23*
40 0 31	5 16 4½	19 6 0	Paid off.	--	241 16 5	–	241 16 5	Curraunboy,	69*
57 3 8	6 6 8	21 13 0	Do.	–	116 8 4	–	116 8 4	Cuilmore,	70*
198 3 19	6 11 3	78 16 3	Do.	–	1,180 19 11	6 1 2	1,181 1 1	Broadlough,	71*
74 3 13	4 9 2	26 11 1	Do.	–	362 19 8	–	362 19 8	Mullawn,	72*
72 3 37	2 18 7½	27 9 3	7 8 1	44	553 1 9	8 13 10	561 15 7	Cameloon,	73
204 1 0	4 0 1	82 16 10	33 7 3	30	1,155 17 3	20 8 9	1,176 6 0	Tawnawoggaun,	116*
430 3 3	2 9 10	129 15 8	49 12 4	32	732 11 1	490 11 6	1,223 2 10	Ballinakill,	152
1,428 3 12	2 9 2	428 2 1	159 4 4	32	2,886 6 11	278 13 4	3,166 0 3	Boardsmill,	155
738 0 20	2 15 2	205 7 11	93 18 11	32	1,391 16 1	262 15 5	1,654 14 6	Ballinaskea&Castlerickard,	156
185 2 27	6 2 9	85 16 1	Paid off.	–	316 19 7	–	316 19 7	Castlebar Lakes,	83*
1,129 3 30	9 10 3	622 12 5	185 11 10	40	3,922 17 2	366 17 1	4,283 14 3	Kilmaine,	31*
600 3 14	3 4 11	250 3 10	74 7 3	80	1,794 7 2	102 16 7	1,897 3 9	Saleen Lough,	169
1,521 3 28	4 16 0	633 2 7	205 6 10	38	3,405 16 10	464 1 11	3,869 17 9	Fane,	7*
1,357 1 3	5 3 11	580 13 2	266 3 9	40	3,602 4 9	666 8 6	4,318 13 2	Nobber,	26
316 1 17	3 4 7	96 16 8	49 9 6	40	477 17 7	59 12 11	537 10 6	Wottonstown,	186
1,452 3 5	6 0 2	447 6 10	212 19 2	60	2,898 12 0	436 3 10	3,328 16 10	Ballinhassig,	34
617 1 24	6 18 4	246 6 2	86 4 7	35	2,709 9 7	–	2,709 9 7	Cahore,	5*
648 2 6	3 7 6	177 14 5	86 16 10	40	1,159 13 1	145 4 2	1,304 17 3	Clonlost,	125
244 1 0	3 16 0	51 7 11	23 6 1	80	580 17 5	26 0 16	606 18 3	Ratooragh,	49
43 1 15	16 4 10	57 8 7	22 17 2	44	618 12 1	44 19 10	663 11 11	Shandon,	60
489 0 34	5 6 1	146 4 8	69 2 6	72	617 7 11	139 15 8	1,057 3 7	Lough Crew,	161
753 3 6	4 16 0	225 12 8	68 13 1	48	1,921 1 3	122 6 6	2,043 7 3	Ballycasey,	23*
683 0 4	3 6 11	188 18 11	56 11 4	14	964 6 2	119 12 0	1,083 18 2	Boley,	108*
498 1 11	3 2 0	112 16 8	48 7 2	52	532 16 8	64 6 4	626 17 6	Lisduff,	188
956 1 36	3 11 3	263 1 11	126 7 8	40	1,471 13 6	236 13 1	1,711 6 7	Foranwall,	121
983 0 15	2 13 10	261 16 2	97 6 7	40	1,281 12 7	183 6 1	1,464 12 8	Lough Dalla,	166
526 0 30	6 7 2	214 12 4	105 13 0	66	1,604 6 5	164 3 6	1,768 16 2	Glanarriff,	187
393 1 22	3 11 0	147 3 5	69 19 6	32	804 16 0	100 7 10	606 3 10	Maghera,	146

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SCHEDULE No. 1.—ABSTRACT of ONE HUNDRED and SEVEN DRAINAGE AWARDS made

No. of District, or Final Notice.	Districts.	Counties	Area of Catchment, or Rain Basin.	No. of Award.	Date when Awards made final.	Total Amount of Expenditure, for all purposes.	Portion of Total Expenditure charged to Counties for Public Works.	Portion of Total Expenditure charged on Lands.
		Sixteen Awards made Final in the Year 1852.	Stat. Acres.			£ s. d.	£ s. d.	£ s. d.
33	Comoge,	Limerick,	61,184	59	22 March,	4,437 11 9	90 17 11	4,349 13 10
81	Eslin,	Leitrim,	19,840	60	12 April,	11,356 6 8	577 16 2	10,778 10 1
175	Ballynahown,	King's and Westmeath,	15,000	61	14 "	6,592 7 3	503 17 7	6,388 9 8
192	Derryholmes,	King's,	22,400	62	24 "	7,199 1 0	487 16 7	6,708 7 11
*3	Borrisokane (*Supplemental, 5th March*, 1855),	Tipperary,	20,550	63	29 "	10,098 17 11	529 0 0	6,509 0 0
*40	Annagh (*Supplemental, 25th October*, 1854),	Galway,	13,120	64	29 "	4,034 5 10	230 12 9	3,000 0 0
51	Cork Slob,	County of City of Cork,	330	65	29 "	5,920 7 11	—	5,920 7 11
60	Miles and Templebryan,	Cork,	10,285	66	29 "	1,392 5 3	69 15 6	1,322 9 9
153	Cevetown,	Roscommon,	8,000	67	29 "	1,933 18 5	—	1,933 18 5
159	Croghan,	Do.,	8,000	68	29 "	3,540 0 6	108 9 5	3,431 11 1
162	Drumcliff,	Sligo and Leitrim,	14,294	69	29 "	4,070 7 9	224 7 8	3,846 0 1
173	Coolaney,	Sligo,	90,744	70	29 "	4,625 0 0	—	4,625 0 0
182	Dunmoran,	Do.,	7,680	71	29 "	4,733 15 6	110 0 10	4,623 14 8
*15	Dungolman (*Supplemental, 10th April*, 1859),	Longford and Westmeath,	28,000	72	29 September,	10,587 1 10	335 12 0	8,000 0 0
*37	Rath, or Clooneen (*Supplemental, 31st March*, 1856),	Do., do.	15,000	73	30 "	6,071 6 4	599 8 1	4,000 0 0
139	Burren,	Carlow and Kildare,	40,000	74	29 October,	26,070 0 11	1,683 18 9	24,395 10 2
		Two Awards made Final in the Year 1853.						
*35	Shinrone (Lands) (Mill) (*Supplemental, 31st March*, 1856).	King's and Tipperary,	35,840	75	20 April,	8,381 2 9	414 0 11	5,000 0 9
		"	—	—	"	—	—	172 0 9
80	Sow,	Wexford,	14,000	76	26 April,	8,825 9 3	415 12 11	8,409 16 4
		Eight Awards made Final in the Year 1854.						
42	Templemore (Lands),	Tipperary,	33,000	77	1 July, 1854,	15,903 15 5	1,098 3 2	7,500 0 0+
	(New award) (Mills),	"	—	—		—	—	280 0 0+
47	Clonakilty,	Cork,	2,000	78	5 September,	10,825 0 2	32 1 3	10,793 4 11+
2	Ardee,	Louth and Meath,	78,000	79	18 "	22,280 5 8	1,355 5 1	9,920 12 5+
53	Loughans,	Kilkenny,	3,500	80	26 "	4,167 7 4	94 0 0	1,800 0 0+
9	Borris-in-Ossory,	Tipperary and Queen's Co.,	35,840	81	27 "	20,020 5 1	970 16 5	10,000 0 0+
29	Deel,	Meath and Westmeath,	64,000	82	18 October,	20,783 12 7	2,090 17 4	13,700 0 0+
161	Castlemartyr,	Cork,	12,960	83	20 "	7,389 10 6	613 0 5	4,040 0 0+
59	Quin,	Clare,	37,120	84	25 "	20,055 11 0	1,078 18 4	14,000 0 0+
		Ten Awards made Final in the Year 1855.						
179	Crosslough,	Mayo,	391	85	3 April, 1855,	405 1 2	—	352 0 0+
17	Boyne,	Kildare, Meath, Westmeath, and King's Co.	304,139	86	21 "	50,980 11 0	5,124 18 10	22,855 12 2+
62	Ballyteige,	Wexford,	29,752	87	20 June,	43,529 15 3	58 0 0	10,808 15 9+
14	Turloughmore,	Galway,	212,489	88	28 "	60,718 1 9	1,126 10 2	23,000 0 0+
78	Kill,	Cavan,	17,000	89	17 August,	2,799 4 7	—	1,000 0 0+
124	Kilmaganny,	Kilkenny,	18,090	90	13 September,	10,984 13 10	337 7 10	7,000 0 0+
54	Kilbride,	Kilkenny and Tipperary,	8,000	91	6 October,	8,058 3 5	332 8 0	4,000 0 0+
8	Glyde (Lands), (Mills),	Louth, Meath, Cavan, and Monaghan,	176,813	92	27 "	47,943 19 8	2,893 0 0	22,000 0 0+
						—	—	203 0 0+
111	Derrylin,	Fermanagh,	3,000	93	19 December,	787 14 6	—	300 0 0+
109	Leesborough,	Monaghan,	11,922	94	20 "	6,081 8 2	247 11 5	3,000 0 0+
		Five Awards made Final in the Year 1856.						
18	Killimor (Lands, Mills,	Galway,	46,341	95	29 March,	55,040 17 10	2,357 1 7	21,000 0 0
		"	—	—	"	—	—	90 0 0
10	Strokestown,	Roscommon,	70,000	96	11 July,	42,097 6 1	1,858 5 3	21,541 0 1
79	The Hind River,	Roscommon,	16,000	97	11 "	20,880 0 1	1,410 16 1	10,050 0 0
170	Levally,	Galway,	28,160	98	27 October,	15,820 8 8	379 11 8	4,250 0 0
138	Castlebernard,	King's County,	38,000	99	30 "	22,302 9 0	93 17 7	9,800 0 0
		Eight Awards made Final in the Year 1857.						
44	Youghal,	Cork,	1,547	100	18 February,	22,776 0 0	—	7,000 0 0
19	Cappagh,	Galway,	34,856	101	27 March,	16,265 8 1	396 0 0	7,140 0 0
172	Balla,	Mayo,	39,720	102	6 April,	18,213 15 2	716 5 11	3,000 0 0
193	Lough Lannagh,	Mayo,	21,440	103	7 "	16,445 7 4	1,306 0 8	4,100 0 0
20	Shrule,	Mayo and Galway,	27,000	104	15 "	30,573 19 3	932 0 1	7,500 0 0
176	Monivea,	Galway,	54,000	105	24 "	16,896 1 1	1,228 12 11	5,002 0 0
38	Dunkellin,	Galway,	88,320	106	7 September,	42,950 12 9	820 9 7	15,340 0 0
41	Kilbeggan (Lands, Mills,	Westmeath and King's Co.	88,030	107	15 October,	20,959 8 7	—	8,850 15 0
		"	—	—	"	—	—	1,290 4 8
	General Total for nine years, ending Dec. 31, 1857, for One Hundred and Seven Awards,		2,436,989			999,026 0 1	46,030 17 8	542,459 18 3

* Supplemental Awards, marked thus, *. Repayments reduced by refunds.
† The difference between the total expenditure and the amount charged on the lands and on the counties is the amount remitted by order of the Treasury, under the Act 16 and 17 Vict., c. 130.

Office of Public Works, Dublin, 1st March, 1858.

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Final up to December 31, 1857, and Repayments thereon, up to December 31, 1857—*continued.*

Area of Flooded or Injured Lands, which have been Drained or Improved. Statute Measure	Cost per Acre of the Drainage, including Interest, &c.	Increase in the Annual Letting Value of these Lands, caused by Drainage.	Amount of Instalments payable half-yearly, to repay Cost with Interest.	No. of half-yearly Instalments, to repay principal and interest.	Repayments: To end of 1856.	Repayments: During 1857.	Repayments: Total	Districts.	No. of District, or Final Notice.
A. R. P.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.		
1,412 0 7	3 1 7	646 8 6	233 11 11	24	2,903 18 4	302 14 11	3,206 13 3	Camoge,	33
2,039 3 5	4 1 8	886 15 1	396 11 2	40	8,283 14 8	455 8 5	8,739 3 1	Eslin,	81
2,032 2 26	3 2 10	602 6 8	274 2 9	36	3,414 13 4	504 17 11	3,919 11 3	Ballynahown,	175
5,600 1 0	1 3 11½	958 1 4	357 8 0	24	4,071 9 8	846 18 7	4,918 6 3	Derryholmes,	192
1,517 0 39	6 5 4	505 19 5	153 2 1	48	3,622 1 1	278 3 4	3,900 4 5	Borrisokane,	3*
907 0 39	4 4 1	339 2 9	99 9 6	35	1,501 19 1	632 9 3	2,134 8 4	Annagh,	40*
214 0 20	27 13 0	573 0 10	254 1 0	32	2,508 15 4	499 19 10	3,008 15 2	Cork Slob,	51
259 1 29	5 2 0	94 14 2	45 15 2	44	521 13 9	90 1 4	611 15 1	Miles and Templebryan,	60
309 0 37	6 5 0	117 1 8	55 18 5	60	558 9 1	112 16 9	671 5 10	Cavetown,	153
847 2 1	4 1 0	277 11 6	118 14 7	44	1,338 6 5	227 19 10	1,566 0 3	Croghan,	159
647 0 11	5 16 11	207 11 1	99 5 9	76	1,204 18 9	195 8 8	1,400 7 5	Drumcliff,	162
792 3 18	5 16 8	241 2 7	119 8 0	76	1,179 3 4	235 0 3	1,414 3 7	Coolaney,	173
881 0 35	5 4 11	282 10 4	133 13 11	60	1,427 1 4	272 19 1	1,700 0 5	Dunmoran,	182
2,226 0 8	4 12 1	929 1 6	361 14 0	22	3,743 11 11	730 11 3	4,480 3 2	Dungolman,	15*
1,157 3 35	5 4 10½	401 16 10	167 8 11	32	2,268 9 3	324 15 6	2,593 4 9	Rath, or Cloneen,	37*
8,008 0 6	3 0 1	2,589 19 9	929 12 2	40	14,039 7 0	1,374 9 11	15,413 16 11	Burren,	189
1,288 3 7	6 0 11½	434 19 7	160 4 8	40	1,944 11 2	334 2 7	2,278 13 9	Shinrone,	35*
3 1 0	–	–	4 8 10	–					
1,983 0 10	4 4 10	609 9 5	290 19 6	44	2,673 12 6	931 8 11	3,605 1 5	Sow,	80
3,394 0 21	4 7 3	1,263 5 10	934 17 6	30	2,031 17 4	698 10 2	3,330 7 0	Templemore,	42
2 2 0	–	–	12 10 0	„					
292 0 30	36 19 2	–	394 11 1	40	32 1 3	–	32 1 3	Clonakilty,	47
3,252 0 11	6 12 0	1,751 19 4	442 19 1	30	3,574 14 9	875 3 7	4,449 18 4	Ardee,	2
548 1 2	7 8 8	214 4 4	65 10 0	40	360 3 3	151 18 6	532 1 9	Loughans,	53
3,624 3 27	5 5 1	1,085 18 2	365 11 2	40	2,650 10 11	753 16 11	3,404 7 10	Borris-in-Ossory,	9
4,499 3 36	4 3 0	1,584 8 9	643 15 2	28	5,948 8 8	1,193 7 0	7,141 15 8	Deel,	29
1,114 1 5	0 1 8	383 7 4	161 1 1	48	1,390 19 5	314 13 11	1,705 13 4	Castlemartyr,	101
4,305 0 29	4 8 1	1,032 15 3	456 8 6	48	4,562 12 0	782 9 11	5,345 2 5	Quin,	59
91 0 35	4 9 0	35 17 1	12 2 1	44	61 15 5	22 15 11	84 11 4	Crosslough,	179
6,779 1 18	7 13 0	1,658 15 1	745 2 8	48	9,098 0 7	1,529 3 5	10,627 4 0	Boyne,	17
2,993 0 2	14 10 5	1,186 14 8	547 19 11	48	1,251 16 0	1,262 14 3	2,514 10 3	Ballyteige,	62
8,186 3 20	7 8 7	1,695 2 9	749 16 10	48	3,252 18 11	1,467 8 9	4,720 7 8	Turloughmore,	14
036 5 0	4 8 0	101 6 2	36 11 1	40	400 7 4	45 1 7	445 8 11	Kill,	78
2,821 2 0	3 15 5	499 6 5	228 4 3	48	3,898 1 2	312 9 2	4,210 10 4	Kilmaganny,	124
2,193 0 15	3 11 9	505 14 8	187 19 2	28	861 11 1	351 2 11	1,212 14 0	Kilbride,	54
6,759 0 38	6 11 11	1,904 17 0	863 2 5	36	5,444 8 7	1,696 11 5	7,110 17 0	Glyde,	8
0 2 6	–	–	7 16 11	–					
187 0 4	4 4 3	49 9 11	13 7 11	30	23 4 2	29 3 2	52 7 4	Derrylin,	111
728 2 27	8 0 3	221 11 9	103 3 3	44	454 19 2	238 0 2	692 19 4	Leesborough,	109
0,344 3 15	8 8 1	1,509 13 1	722 2 11	44	2,776 6 10	2,220 13 6	4,997 0 4	Killimor,	18
1 2 9	–	–	3 1 9	„					
7,478 2 21	5 8 8	1,794 17 10	741 5 4	44	2,332 9 7	1,644 15 4	3,977 4 11	Strokestown,	10
2,966 2 32	6 11 3	763 8 5	366 4 8	44	1,723 3 3	751 11 0	2,474 14 3	The Hind River,	79
1,940 2 0	7 19 2	304 9 8	146 3 0	44	399 1 8	582 12 8	981 14 4	Lavally,	170
2,499 3 27	8 17 8	700 1 3	337 0 0	44	173 15 8	888 3 5	1,061 19 1	Castlebernard,	138
224 0 0	101 18 7	500 0 0	240 14 4	44	–	473 15 0	473 15 0	Youghal,	44
2,577 3 27	6 3 1	495 4 1	232 15 6	48	–	1,244 18 10	1,244 18 10	Cappagh,	19
1,759 2 20	9 18 10	228 15 3	112 3 11	60	–	720 14 7	720 14 7	Balla,	172
1,750 2 5	9 15 9	241 13 5	117 19 0	60	–	546 15 9	546 15 9	Lough Lannagh,	193
3,207 0 6	9 4 10	443 19 10	215 15 2	60	–	4,039 18 3	4,039 18 3	Shrule,	20
1,481 0 0	10 11 7	305 7 4	146 9 9	60	–	1,510 19 11	1,510 19 11	Monivea,	176
5,565 0 31	7 11 5	1,094 15 0	527 10 3	44	–	894 8 7	894 8 7	Dunkellin,	38
5,498 2 15	5 9 0	975 0 9	453 0 9	25	–	403 0 11	403 0 11	Kilbeggan,	41
15 2 4	–	–	66 1 8	„					
169,160 1 0	Average. 8 10 10	47,359 19 8	19,307 19 8		195,832 10 2	45,520 3 8	241,358 13 10		

Add Repayments by Counties for other Districts for which Awards have not been made, to December 31, 1857, ... 17,412 17 8

Total Repayments up to December 31, 1857, 258,771 11 0

By Order, EDWARD HORNSBY, Secretary.

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ARTERIAL DRAINAGE

No. 2.—Return of Twenty-two Districts in hands, with the Expenditure and

No. of District, or Final Notice.	Districts.	Date of Final Notice.	Counties in which Situate.	Date when Work commenced	Area of Catchment Basin.	Length of Rivers and Principal Drains to be Made or Improved as stated in Report.	Area of Flooded and Injured Lands originally estimated to be Drained or Improved, Statute Measure.
					Statute Acres	Stat. Miles	A. R. P.
27	Broena (Ferbane),	4 July, 1846,	King's, resumed	2 Sept., 1846, early in 1854,	380,120	66¼	15,687 0 25
*172	Balla,	21 Sept., 1847,	Mayo, resumed	16 July, 1849, 10 Dec., 1853,	30,720	15	4,155 0 0
22 and 184	Bellinamore and Ballyconnell (Shannon and Erne Junction),	26 June, 1840, and 10 Nov., 1847,	Cavan, Fermanagh, Leitrim, and Roscommon,	30 June, 1840,	101,455	40	6,538 1 18
*19	Cappagh,	19 June, 1846,	Galway, resumed	7 July, 1849, October, 1853,	34,856	11	2,927 0 0
*38	Dunkellin,	19 August, 1846,	Galway, resumed	4 Sept., 1846, 1 April, 1854,	88,320	52	7,110 0 0
164	Dunmore,	3 Sept., 1847,	Galway, Mayo, and Roscommon, resumed	15 August, 1849, 1 Nov., 1853,	00,101	40	0,803 0 0
65	Fergus,	17 Dec., 1846,	Clare and Galway, resumed	15 Feb., 1847, October, 1853,	134,400	52	8,388 0 0
30	Inny,	31 July, 1840,	Meath, Westmeath, Longford, and Cavan, resumed	15 Sept., 1846, 26 Sept., 1853,	231,110	41	7,703 1 14
*41	Kilbeggan,	5 Sept., "	Westmeath and King's, resumed	1 Feb., 1847, 27 Sept., 1853,	88,020	20	4,082 3 25
160	Keenagh,	3 Sept., 1847,	Longford, resumed	25 June, 1849, 20 April, 1854,	18,000	0	1,882 0 0
11	Longford,	2 June, 1846,	Longford,	17 June, 1846,	72,320	25	4,424 0 0
32	Lough Gara and Mantua,	24 July, "	Roscommon, Mayo, and Sligo, resumed	9 Sept., " 5 " 1853,	128,000	25	3,003 0 0
43	Loughs Oughter and Gowna, and River Erne,	10 Sept., "	Cavan, Leitrim, and Longford,	13 October, 1840,	200,480	57	8,300 0 0
98	Lough Neagh,	24 Dec., "	Londonderry, Antrim, Down, Armagh, and Tyrone,	3 May, 1847,	1,411,320	91¾	26,000 1 32
174	Lough Mask and River Robe,	24 " "	Mayo and Galway,	11 June, 1849,	225,000	50	14,880 3 0
183	Loughs Corrib, Mask, and Carra,	4 Nov., "	Galway and Mayo, and County of Town of Galway,	1 January, 1848,	780,000	40½	20,072 0 28
*193	Lough Lannagh,	10 Jan., 1848,	Mayo,	11 June, 1840,	21,440	11	2,454 0 0
*170	Moniven,	22 Sept., 1847,	Galway, resumed	15 August, " 1 Nov., 1853,	54,000	23	3,778 0 0
61	Rinn and Black River,	1 Dec., 1840,	Leitrim and Longford, resumed	13 April, 1847, 5 Sept., 1853,	74,000	17	4,007 0 0
*20	Shrule,	19 June, "	Mayo and Galway,	10 July, 1846,	27,000	13	3,008 0 0
82	Shenagolden,	1 Feb., 1847,	Limerick,	8 March, 1847,	14,270	24	1,012 0 0
*44	Youghal,	2 Oct., 1846,	Cork,	1 Nov., 1846,	1,547	–	220 0 0
Total 22				Totals,	4,281,555	723¾	101,452 0 22
				Add quantity of land, as originally ascertained, in districts for which no revised survey has yet been made,			

a Districts marked thus (*) closed, and Awards made final during the year 1857. The total expenditure thereon will be found in Schedule No. 1.
† 18 miles river courses scoured; 2 miles of unwatering cuts closed; 9 miles of spoil banks levelled; 4¾ miles of embankments constructed in addition to figures in Table.
‡ 15 miles of main conduits deepened and scoured; 22 miles of minor drains deepened and scoured; 4½ miles of wire-fence erected in addition to figures in Table.

Office of Public Works, Dublin, 1st March, 1858.

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AND NAVIGATION.

Employment thereon, for Year ending December 31, 1857.

Quantity of Land on Revised and Detailed Survey of District, estimated to be benefited by the proposed Works Statute Measure.	Total Expenditure from commencement of Works to 31st December, 1857, including Interest on Borrowed Money.	Expenditure for one year ending 31st December, 1857, including Interest on Borrowed Money.	Quantity of Rock and Earthwork removed in 1857.	Length of Rivers and Drains opened in 1857.	Equivalent of Men's Labour in Days Work of one man. 1857.	—
A. R. P.	£ s. d.	£ s. d.	Cubic Yards.	Stat. Miles		
16,374 0 18	94,090 11 10	7,703 7 11	177,990	†16⅔	35,087	Summary proceedings; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
1,759 2 20	*–	162 16 0	–	–	1,130	Summary proceedings; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
–	262,310 15 2	10,438 6 0	75,082	‡–	43,536	Ordinary proceedings; drainage and navigation combined; drainage commenced under summary proceedings.
2,577 3 27	*–	440 13 11	–	–	–	Summary proceedings; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
5,565 0 31	*–	1,268 2 9	420	–	3,006	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
–	48,129 15 11	3,624 16 11	66,000	10	41,239	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
6,812 0 14	53,735 3 11	6,278 18 11	93,254	7⅝	§55,717	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
10,161 3 30	51,564 13 1	3,613 19 6	16,458	3¾	25,028	Summary proceedings; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
Lands, 6,498 2 15 Mills, 15 2 4	*–	763 5 1	1,011	‖⅜	1,418	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
1,758 3 0	10,546 4 2	1,444 19 4	–	–	7,070	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
5,389 6 30	42,111 2 6	2,141 13 5	5,500	–	8,093	Ditto; 2nd assents received.
4,710 2 20	24,423 12 0	1,863 3 4	25,771	6¾	5,835	Ditto; ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
13,046 3 27	104,149 0 10	5,200 17 3	¶12,857	–	11,131	Summary proceedings; 2nd assents received; drainage and navigation.
–	246,675 18 0	14,057 4 0	130,835	11½	58,995	Ordinary proceedings; drainage and navigation combined.
5,605 0 13	66,739 14 6	3,115 7 10	3,060	½	3,200	Summary proceedings; drainage and navigation combined.
13,685 2 35	241,470 18 2	6,690 13 0	8,550	1	22,751	Ordinary proceedings; drainage, navigation, and mill power combined.
1,750 2 5	*–	152 15 0	–	–	1,350	Summary proceedings; 2nd assents received.
1,481 0 0	*–	37 11 9	–	–	–	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
5,691 1 11	29,526 11 10	3,116 9 1	47,553	3¾	24,283	Ditto; works resumed, after suspension for 2nd assents, in accordance with the Report of the Commissioners for Special Inquiry.
3,207 0 5	–	228 13 1	860	½	1,820	Ditto; 2nd assents received.
1,638 0 28	4,760 13 3	158 10 7	–	–	–	Ditto; works suspended; reported upon by Commissioners for Special Inquiry.
224 0 0	*–	156 5 6	–	–	–	Summary proceedings; 2nd assents received.
116,083 0 13						
42,341 3 10						
159,024 3 23	(1)1,281,034 15 2	76,003 19 10	605,701	62¾	351,907	

§ 307 horses in addition.
¶ Including 11,847 cubic yards of dams removed.

‖ ⅜ mile of unwatering cuts closed in addition.
(1) Includes £230,207 8s. 10d., interest on borrowed money.

By Order, EDWARD HORNSBY, Secretary.

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No. 3.—Return of Eighteen Districts in which Works have not been undertaken.

No. of District, or Final Notice.	Districts.	Date of Final Notice	Counties in which situate.	Area of Catchment Basin.	Length of Diverse principal Drains to be made or improved. Statute Measure.	Area of Flooded and Injured Lands originally estimated to be Drained or Improved. Statute Measure.	Total Expenditure up to 31st December, 1857.	—
				Statute Acres.	Statute Miles.	A. R. P.	£ s. d.	
171	Ardanary, . . .	10 Sept., 1847,	Wicklow, . .	1,490	3½	241 0 0	47 1 8	Summary proceedings.
178	Askillaun, . . .	22 „ „	Mayo, . .	1,500	1½	210 0 0	–	Summary proceedings, transferred to Land Improvement Act, and works executed by Marquis of Sligo.
92	Brickey, . . .	19 Feb., „	Waterford, . .	8,800	7	827 0 0	81 9 3	Summary proceedings.
165	Bresogue, . . .	3 Sept., „	Sligo, . . .	180,480	–	304 0 0	49 12 3	
185	Burton Hall, . .	23 Nov., „	Carlow and Kildare	5,760	3½	600 0 0	38 13 9	
177	Carrowbeg, . .	22 Sept., „	Mayo, . .	330	1½	64 0 0	28 8 2	Revised quantity, 73a. 1r. 5p., summary proceedings; works proceeded with under Land Improvement Act.
191	Clongill, . . .	19 Jan., 1848,	Meath, . .	1,890	2¾	381 0 0	38 0 0	Summary proceedings.
190	Griffinrath, . . .	19 Jan., 1848,	Kildare, . .	900	1½	327 0 0	49 16 6	Summary proceedings.
168	Irishtown, Ongenstown, and Grange Streams,	3 Sept., 1847,	Meath, . .	3,840	4½	460 0 0	32 14 3	Summary proceedings.
158	Kilcheest, . . .	3 „ „	Galway, . .	20,800	10½	2,424 0 0	180 18 2	Summary proceedings.
163	Kisdoon, . . .	3 „ „	Tipperary, . .	13,720	7	1,416 0 0	117 11 10	Summary proceedings. Revised quantity, 1570a. 3r. 30p.
52	Maine, ...	22 Oct., 1846,	Antrim, . .	57,600	11	2,192 0 12	677 3 2	Ordinary proceedings; legal difficulties.
146	Martinstown (Carbury),	12 May, 1847,	Kildare, . .	–	–	116 0 0	18 17 3	Summary proceedings.
194	Quoile, ...	13 „ 1851,	Down, . .	57,000	8	1,380 0 0	273 19 2	Ordinary proceedings.
167	Red Cross, . . .	3 Sept., 1847,	Wicklow, . .	6,700	4	332 0 0	47 8 10	Summary proceedings.
186	Rahaen, . . .	23 Nov., „	Carlow, . .	3,567	4½	424 0 0	37 11 0	
157	Shanbogh, . . .	3 Sept., „	Kilkenny, . .	2,500	–	361 0 0	57 16 0	Summary proceedings.
181	Skane, . . .	26 Oct., „	Meath, . .	24,000	11	3,000 0 0	72 13 9	
18			Total, . .	390,877	81½	15,968 0 12	1,850 3 0	

Office of Public Works, Dublin,
March 1, 1858.

By Order,

Edward Hornsby, Secretary.

Appendix C.

Extracts from the Annual Report of Mr. C. J. Battersby, C.E., District Engineer.

Extract from the Annual Report of Mr. Charles J. Battersby, C.E., District Engineer.

For the year 1857. Dated 8th January, 1858.

Inny District, *Counties of Meath, Westmeath, Cavan, and Longford.*

The works have been in operation during the past year in the following Divisions:—

No. 5, or Ballinacarrow Division.
No. 7, or Ballycorkey Division.
No. 8, or Baronstown Division.
No. 13, or Black River Division.

No. 5, or Ballinacarrow Division.

The dams which remained in the river at Ballinacarrow bridge as mentioned in my two last Annual Reports, were removed in the month of July by men employed under the Board in accordance with the Secretary's letters of 15th April and 4th July last.

No. 7, or Ballycorkey Division.

In the beginning of the year, the sloping of the sides of the new cut above the bridge was in progress; but owing to the month of January being very wet, and the river in consequence much swollen, it was not possible to complete the work in a perfect manner before 20th February when the head dam was lowered, and subsequently during the summer and autumn all the dams were removed, and the head race to water wheel filled in.

The new bridge (built at the expense of the County of Westmeath), of forty feet span, having been finished in the month of May, the temporary one has been since removed, and from the western end of the new bridge an accommodation road has been made into the Ballycorkey Island, which was severed by the new cut from the tenant's farm; stone gate-piers, and sill have been erected in the parapet of the bridge, but the iron gate has not been yet put up.

No. 8, or Baronstown Division.

On 18th February, tools were removed from Ballycorkey to this shoal, and on 21st the unwatering taps were commenced on the Corry side of river; as soon as the shoal was unwatered, the excavation was proceeded with, the pits being kept dry by means of the pumps worked by the water-wheel, which was put up at the mouth of the tap. The lower end of this shoal was composed of a deposit of sand lying on marl, but the centre and upper part for about fifty perches in length was rock, from one foot to three feet six inches in depth.

The old eel-weir, which was situated on the lower end of the shoal having been removed, it was decided to erect a new one higher up the river. During the month of December this was commenced, but has not been completed, as a change of site is demanded on behalf of the proprietor.

In order to regulate the level of the water in Lough Iron, a weir seventy feet long has been built across the new cut, close to the temporary head dam: the top of this weir is at a level which will preserve from floods the low land bordering the lake, as well as the hitherto flooded lands on the Black river as far as Corry bridge.

The completion of the works below Baronstown

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having lowered the water at the mouth of the canal to such an extent as to prevent loaded turf boats from plying between Lough Iron and the wharf, where turf was usually discharged for the use of the Baronstown house, it has been decided that this canal should be deepened from the lake to the wharf sufficiently to allow the boats to navigate it. Accordingly, after the completion of the excavation in the main river, the work was proceeded with, and having been completed for a distance of about ninety-six statute perches, it then became necessary to defer the deepening of the upper reach into the lake until the water is lowered, because this part of the canal, being principally composed of soft moor, it would have been both difficult and expensive to keep it free from water. The part excavated was composed of gravel and boulders, and of limestone rock, for about twelve statute perches in length.

The work still to be done on this division comprises the filling-in of the unwatering tap, 108 statute perches in length, the removal of the dams, erection of a new eel weir, and some further deepening for the entire length of the canal, the rebuilding of the Canal wharf wall, and the erection of the necessary works for preserving the former navigation, of a regulating weir and small navigation lock at the junction of the river and the canal for the preservation of the navigation of the river.

No. 13, or Black River Division.

This tributary, which unites Glen Lough with Lough Iron, the total length being about four and a-half miles, was partly opened in the years 1846 and 1847. From Glen Lough a new cut was then made, 192 statute perches in length; below Newpass bridge, a short cut of sixty perches in length; and above and below Corry bridge, about 370 statute perches of river course were opened. A new bridge, fourteen feet span, was built at Corry, and in the year 1849 the Corry mill power was purchased.

Although the work done on this river had, to a certain extent, a most beneficial and satisfactory effect on the adjoining lands, still it became necessary, in order to render effectual what had been done, to further deepen the new cuts, and to open out the remaining part of the river. On the 20th of last October, the works were commenced, and have since been vigorously carried on; the new cut above Corry bridge has been deepened from two feet six inches to three feet in depth, and seven feet wide at bottom; from thence, about 224 statute perches, up stream, the river has been partially deepened, dragged, and the banks sloped; and as far as the junction of the Caraun stream, the old river has been deepened from one foot nine inches to four feet, and seven feet wide at bottom, and about 188 statute perches of the straight cut close to Glen Lough has been deepened from two feet nine inches to three feet nine inches, and about four feet six wide at bottom. Some excavation has been also done above and below Newpass bridge, and preparations have been made for the erection of a temporary bridge, previous to the removal of the old one, as it is intended to build a new bridge of ten feet span. This will be done at the expense of the County Westmeath, the contractor for which has not been yet declared. In making the unwatering taps, advantage has been taken of the lateral and side drains which were opened for the purpose, and will materially contribute to the drainage and improvement of the land through which they pass.

The works still to be done on this division are the deepening and sloping of the new cut from Lough Iron to Corry bridge; which cannot be carried on to advantage before Lough Iron is lowered; the deepening and sloping of the banks in a few places between Corry and Newpass bridges, the making of a short new cut into Glen Lough; the removal of the dams generally in the river; the building of three accommodation bridges; and the opening of 200 statute perches of the Ballinree tributary which falls into Glen Lough; and as these works will not be very expensive, I feel satisfied that this division will be completed for less than my estimate of last July.

The progress of the works on the main river during the past year has not been very expeditious, owing to three causes: first, because the spring being very wet, was unfavourable for drainage works; secondly, because they were not carried on through a populous neighbourhood; and thirdly, because the Board had intimated in the autumn that the district above Lough Iron would probably be abandoned. On the Black River, however, the progress has been very satisfactory, owing to a large increase in the number of labourers on this tributary, which is attributable to, first, the favourable weather at the close of the year; secondly, to the more populous neighbourhood adjoining the river; thirdly, to the absence of employment by the farmers after the works on this division had commenced; and fourthly, to the men being more accustomed, and therefore more anxious to work in the tributaries than in the main river. As it is proposed to abandon the proposed works above Lough Iron, I think that the district may, under the present arrangement, be completed about next September. This, however, will very much depend on the state of the weather, as it will not be practicable, except in a very dry season, to complete, in a perfect manner, the remaining works on the Black River.

Although the fall of rain during the past year has exceeded the average, still on the whole, it was rather favourable for drainage works; the months of March and April, which are generally dry, were unusually wet, especially the latter month, in which there fell 4·10 inches, but in the subsequent months the fall was very evenly distributed; the very heavy floods in the beginning of the year were discharged through the finished cuts below the surface of the low lands, and generally at the level which was proposed. In no case were the improved lands flooded, the water being from one foot four inches to three feet six inches below these lands, which, before the works commenced, were usually flooded for the entire winter.

The following is a copy of the registered fall of rain at this place during the year 1857:—

	Inches.		Inches.
January,	4·08	August,	1·96
February,	1·83	September,	2·74
March,	3·09	October,	1·80
April,	4·10	November,	2·18
May,	1·75	December,	2·46
June,	2·97		
July,	2·13		31·09

The improvement in the land on the finished part of the river has been quite as great as the most sanguine could have anticipated; and parties who, before the works were executed, were rather incredulous as to any direct benefit accruing to the land from drainage works, now admit that the benefits are greater than could have been even expected. As mentioned in my former reports, very little of the improved lands are tilled, but are principally used, as heretofore, for pasture and meadow.

I enclose the following tracings, which will describe the position and extent of the works during the past year.

1. General plan of the district, showing the hitherto flooded and injured land which has been drained in 1857.
2. Plan and longitudinal section of river at Baronstown shoal.
3. Longitudinal section of Baronstown Canal.
4. Longitudinal section of the Black River Tributary.

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APPENDIX C.

Extracts from the Annual Report of Mr. Martin Farrell, C.E.

EXTRACTS from the ANNUAL REPORT of MR. MARTIN FARRELL, C.E.

For the year 1857. Dated 27th February, 1858.

Districts of LOUGHS OUGHTER *and* GOWNA, *and* RIVER ERNE, *and* BALLINAMORE *and* BALLYCONNELL, *in the Counties of Cavan, Fermanagh, Leitrim, and Longford.*

The completion of the works of the Loughs Oughter and Gowna, and of the Ballinamore and Ballyconnell districts, in order to prepare for making the awards upon them, has been more tedious than I expected. On the former district, the dams put in by the contractor, when building a new bridge at Baker's bridge, under county presentment, which were referred to in my last Annual Report, were to be removed by the Board on an arrangement made with the contractor, and after their nearly total removal the valuator made a second visit to the district, accompanied by Mr. Forsyth, who made the original and supplementary reports upon it. From the reports of these gentlemen, the Board determined to remove the lower part of those dams (being obstructions placed in the river's course by the Board's operations) that had been left at the several works on the part of the district under the influence of Belturbet weir, when it was determined to discontinue further works there, as it was not deemed expedient to interfere with the level of the Belturbet distillery. The removal of the dams with steam dredgers is still in progress.

On the Ballinamore and Ballyconnell District, the contractors for building the lock-houses were delayed by unfavourable weather in the early part of the year, by additional work in foundations, and by the difficulty of getting tradesmen for the building. Though the works of masonry on the district had collected a number of masons, yet, as the mason-work of the canal had been finished some time before the lock-houses were commenced, the men had left the country, and not more than five masons out of the great number that had been collected on the several works could be got by the lock-house contractors. As the building of places of worship and of private houses has much increased in the counties of Leitrim and Cavan within the last few years, the number of tradesmen employed on the lock-houses was constantly varying, and the class of contractors that tendered for the houses being poor, a regular staff of workmen would not remain with them; this has caused much delay, and great difficulty in getting the work fairly done. The clearing up of the tributary rivers that had been opened in 1847, to prepare the district for having the award made, was also in progress during the year. The work upon the districts is as follows:—

LOUGHS OUGHTER AND GOWNA, &c., DISTRICT.

Belturbet.—For the purpose of bringing the steam dredgers from the Ballinamore and Ballyconnell District into Lough Oughter, it was necessary to form three levels by means of dams in the navigation course that had been partially prepared below the Belturbet weir, and as the water of Lough Erne had fallen very low at the time that the dams were being prepared, it was necessary to cut a channel for the dredgers through a short shoal a little below the Belturbet bridge. The "C" dredger arrived from Leitrim, near the Shannon, on the 5th of August, and the dredger built at Belturbet, which had been lent to the Londonderry and Enniskillen Railway Company to have some dredging work done near Enniskillen, arrived on the 6th of August. They were both, with their barges, raised through three artificial levels (a perpendicular height of eleven feet,) on the 19th of August, without accident or any interference with the level of the water for the distillery. Two spoon and bag dredgers were also brought from the Ballinamore and Ballyconnell District to dredge the tops of the dams, in order to get a sufficient depth of water on them for the steam dredgers. The dams nearest to Lough Oughter were first engaged in, as being likely, in freshes, to have a greater depth of water on them, and to give greater and more immediate relief to the land.

Bessbrook.—The "drainage" dredger having been kept below Carratraw bridge, where it could not, without great trouble, be made to pass, has been kept at work in the lower part of Lough Oughter and the River Erne. The head dam at Bessbrook has been dredged, and the removal of the second (five having been made for this shoal) is in progress.

Baker's Bridge.—As has been mentioned, an arrangement was made by the Board with the contractor who built the new bridge for the county, to remove the dams put in by him, by his lodging the estimated cost of their removal to the credit of the Board, which was done in February; and the taking down of the temporary bridge, and removing the dams with spoons worked on movable platforms, was in progress in March, and continued until the close of May, when Mr. Forsyth inspected the district, with the valuator, the completion of the work having been left for the steam dredgers. The head dam, all the material that had been used to form a longitudinal dam, nearly the whole of the remainder of the contractor's dam, and the tail dam, were removed during the month of November and part of December.

Stroane Point.—The removal of the top of these dams (no part of which had been removed before, except the portions next the excavation taken away before the water was let into it,), with a spoon, was in progress during the month of June and to the 6th of July, when the forming of the dams at Belturbet was commenced. The total removal of the dams at Stroane was completed in October.

Carafin.—The remainder of the dams made for this shoal was removed between the 11th and 16th of September.

Caratraw.—A deviation cut, in order to get to deep water, having been made at the lower part of this shoal, and the lower dam being made on the edge of very deep water, the removal of any part of it had been abandoned until the water could be lowered at Belturbet, and the dams of this part of the shoal had been wholly left in. The removal of them and the tail dam of the upper part of the shoal was completed on the 11th of September, after the links and buckets of the dredger, which had been much shaken at Enniskillen, had been repaired so far as to put them in fair working order.

Foxhole Point.—On the completion of the removal of the dams on the Annalee river, above Urney, at the close of the year, the "C" dredger was taken to this station to remove the dams there.

Urney.—After the removal of the dams at Caratraw and Carafin, the drainage dredger was taken to Urney, and the tail dam, with a small cross dam under the old church, as well as so much of a dam made below the temporary bridge as this dredger could reach, were removed at the close of September.

Derryheen.—The spoon and bag dredgers were put to work at the removal of the top of the dams at the close of July, and left three feet six inches in depth of water on them by the end of August; the remainder was removed by the "C" dredger on the 19th of September, except a portion where there was not at the time sufficient depth of water for the dredger, as the water level had fallen between the periods of the working there of the spoon, and bag, and steam dredgers. The removal of the remainder was completed at the latter end of December.

Derrygoss.—This shoal had been divided into two portions by a deep part of the former channel. The remainder of the dams of both parts was removed between the middle of November and the 12th of December by the "C" dredger. As the dams had been made with light material on a bad bottom, a good deal of timber had been used to stay them in the execution of the excavation, and caused much delay in dredging.

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Deredis.—After the removal of the tops of the dams, three in number, by the spoon and bag boats in September, the "C" dredger removed the remainder in October, with the exception of a small portion of the head dam, principally composed of stones (thrown in to protect a slip in the dam in 1852), which the "C" dredger, in its present state, could not, without danger, be put to work at.

Tinker's Island.—On the completion of the removal of the dams at Deredis, the "C" dredger was put to work at the dams at Tinker's Island. The tail dam, and two above it, were removed by the middle of November, a portion of the third having been avoided for the same reason as the portion of the head dam at Deredis was left. The spoon and bag dredgers removed the head dam to the level of the original bed of the river on the western side; a small portion of the lowest part of the dam on the eastern side, where the water is deep, only remains for the steam dredger. The former river was wide where the head dam had been made, and a portion of the dam was made when the water was at the time from six to seven feet in depth in the dry season of the year. There is not in the dry season now more than two feet six inches in depth of water in this part of the river, the summer level of the water surface here having been reduced four feet.

Butler's Bridge.—An effort was made in January to put in the weir sluices, but the tail water was too high to get them in without much expense. A cut was made in the direction of the mill tail race to ease the head water, and to take off the discharge by the weir, and the sluices were put down in May. A portion of the timber work gave way in September, but it was immediately repaired. On the conclusion of the dredging at Tinker's Island by the spoon and bag dredgers, they were brought above the Butler's Bridge weir, in November, to remove the bottom of the dams from Butler's Bridge to Curraghanoe, as the spoon and bag dredgers used for removing dams on this district were removed to the Ballinamore and Ballyconnell District before the work on the upper part of the Annalee river was in operation. A portion of the head dam at Butler's Bridge next to the deep water was removed towards the close of November.

Derrygara.—While the water in the Annalee river was low in June, a portion of the dams was removed to a depth three feet below the water surface. The whole of the remainder of the head and tail dams was removed with the spoon and bag dredgers in the latter end of November and part of December.

Kilnacreeve.—The bottoms of six dams remained in this part of the Annalee river, three of which have been removed with the spoon and bag boats up to the close of the year.

Cavan River.—An open had been left to connect the new channel with the swamp at Tullylough, which has been made wider and deeper.

Lough Atrain and Shanacroaghan.—Obstructions were removed from the former of these streams in March, and the upper part of the latter stream was deepened, so as to relieve twenty-nine acres of valuable land, in February.

Sallaghans.—In consequence of an objection on the part of the valuator to the weir of Sallaghans, Mr. Forsyth visited it on the 29th of May, and found that the result expected by the valuator from an alteration suggested by him would not be attained.

The dams yet to be removed are the remainder of those at Bessbrook and those at Cornadarragh, on the River Erne; those at Gortnanoul and Foxbole, on Lough Oughter; the remainder of those at Urney, and those portions of dams at Deredis and Tinker's Island before referred to, which can be completed by the two steam dredgers at the close of March. The remainder of the dams at Kilnacreeve and those at Curraghanoe will, I expect, be completed at the same time with the spoon and bag dredgers.

The tillage of the lands relieved by the drainage works is still more extended than it was last year. An estimate of the cropping of 262 acres of a portion of the district gives a total value of £2,678 for the crop on the ground, or say £10 per acre, deducting the cost of tillage, rent of land and former value, per acre, as £7, £3 will remain as clear gain per acre in one year.

Appendix C. Extracts from the Annual Report of Mr. Martin Farrell, C.E.

In consequence of the very high price given for hay in the early part of last year, the low lands relieved by drainage were retained for meadow more generally than they would have been in other circumstances, and in consequence, the turning up of them for tillage purposes was in some measure checked.

Since the removal of the dams on the Annalee river, and between Lough Oughter and Bessbrook, the water, discoloured by floods, reaches Bessbrook on the morning after a heavy night's rain, although, in 1850, it was not perceived at Bessbrook until two or, in some instances, three days after heavy rain, the difference of time having been occupied in filling up Lough Oughter. Nevertheless, I cannot perceive that the level of water at Belturbet weir (which has not been altered) is more quickly raised now than it had been, which I attribute to the much earlier commencement of the discharge of the floods, and its continuance over a longer period of time, as, in consequence of the head of water in Lough Oughter having been greatly diminished, the fall, and consequently the velocity of the discharge, is considerably less.

As Mr. White, the valuator, visited this district in September and October, 1856, and again in May, 1857, the appearance of the lands of the district must necessarily have been in an unfavourable state. As less rain than usual has fallen at the latter end of 1857, Mr. White, who has been directed to visit the district again, will be enabled to form a fair estimate of the value of the works in ordinary seasons.

Ballinamore and Ballyconnell District.

The works done on the above district during the past year are as follows:—

Mullinacogh, Kinrush, and Aghalane.—A small amount of dredging, but in very hard gravel, was done at those stations, in March and April, with the drainage dredger, which was, in the early part of May, after completing the work between Lough Erne and Caroul lock, lent, as stated in the Lough Oughter report. A spoon and bag dredger was used for some time in removing very hard material under the central arch of Aghalane bridge, and at such parts near the bridge as the buckets of the steam dredger could not reach.

Tonymore and Drummettagh.—2,403 cubic yards of material were dredged from these stations in January and February. Rock was met with a little below Caroul lock, on the Drummettagh reach, at the level to which the dredging was being done.

Caroul.—The rubble paving below the weir sluices, and the breast wall at the land side below them, was ripped away to some extent during the winter floods of the early part of the year. The paving was substantially repaired in July and August, and the breast wall was repaired at the same time. The wall between the weir and the fish pass had been disturbed, most probably by a large cot (used by Lord Erne's tenantry for crossing the deviation cut at Dernagore) which was carried away during a flood. The stones where displaced were reset, and the stops for the fish pass were then put in. The excavation for the foundations of the Collector's house, which were sunk nine feet below the land surface to a strong blue clay, was done in the month of May; but in consequence of delay in procuring masons and bringing stones to the ground, the walls of the house were not built until September. The carpenter's, slater's, and painter's work has been done, but the second requires repair.

Derrylaney.—The clearing up of this tributary, which is the outlet of a short mountain catchment basin without a lake or other reservoir in its course, was commenced in July, but through a misunderstanding of directions given by Lord Erne's agent to some of the tenants, they opposed the entrance of the workmen on the land. The matter was, however, settled on the

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APPENDIX C.

Extracts from the Annual Report of Mr. Martin Farrell, C.E.

16th July, and the whole river, which had become in many places of little more than half of the sectional area originally given to the new course, was fairly cleared up at the end of August, much to the satisfaction of the occupiers of the land, as several heavy floods have been since carried off without flooding, except to a small extent, where the bank near the river was very low.

Drumderg.—On the completion of the Derrylaney river, this tributary was cleared up; but as the portion of land above Drumderg Lough had sunk so much in level as to make the surface little more than two feet above the bed of the river, the Board authorized the additional deepening of the outlet through hard gravel, and of the course above the outlet, which has been done.

Ballyconnell.—Some collections of deposit at the site of the old bridge at Carrickaleeso, and at the mouth of the Tanyard river above Ballyconnell, were removed with a spoon-and-bag dredger in May. Leakages at the end of the mill, and at the site of the northern mill race, have been puddled and stanched. The rubble paving below the weir sluices, and the breast wall at the land side also below them, have been repaired; and the escape course from the weir at the northern side of the island has been widened and improved, so as to prevent injury to the breast wall mentioned. Stops have been put into the fish pass. The foundations of the lock-house were sunk from six to seven feet below the land surface. The masonry was commenced in March, and the house was roofed in June, but the flooring was not done until November.

Crooked River.—The removal of gravel deposit in the canal at the mouth of the river was done with a spoon-and-bag dredger in June. The clearing of this tributary (a mountain stream of quicker delivery than the Derrylaney river) was commenced in September and completed in October. The bridge on the high road from Ballyconnell to Ballinamore, though composed of two arches each of ten feet span, was completely choked in its whole waterway during a flood in October, in consequence of the angular direction of the river water when reaching the bridge. The Board decided on altering the direction of the course above the bridge, which has been done; and some breasting required at the concave side of the channel above the bridge is nearly completed.

Shelan.—The rubble paving below the weir sluices was repaired as at Ballyconnell, and the stops for fish pass were put in. The masonry of the lock-house was commenced in March, and the house was roofed in June. The carpenter's work and tiling were done in November. The permanent foot bridge and railing have been put up over the weir to serve as a foot road and to facilitate the raising and lowering of the regulating boards on the top of the weir.

Lake Navigation, from Shelan to Comoge.—Beacons have been driven through the Coologne, Derryhassan, Ballymagauran, and Garadice lakes, to mark the line of navigation.

Camagh and Derryniggin Streams.—The clearing up of these streams was done in October and November.

Blackwater and County Drain.—The clearing of the County drain to Killyran lake was commenced in June, and that of the Blackwater in July; the latter was completed in August, and the former, with its numerous branches, in October. As the lands above Killyran and Glebe lake had sunk in level, it was necessary to deepen the drain eighteen inches further; and a short part of the excavation was in rock that there was much difficulty in working. The branch streams above Templeport lake, as far as Corville, were also cleared up in October.

Comoge.—The hand-dredger was put to work to clear deposit from the canal between Derrygoan bridge and Garadice, from April to 25th of June, when all the men that could be got were put to clear the tributaries. At the latter end of July it was necessary to cut a passage for the "C" dredger through a bar of deposit on the western side of Garadice lake, which was done by the hand dredger: and from the close of August to November the dredging of this bar, 500 feet in length and nearly two feet in depth, with the hand-dredger, was continued. A wire fence has been made in the intervals between the stone fence along the division; and a great portion of the towing path, where gravel was near hand, has been gravelled.

Aghoo.—A quantity of deposit was dredged from this reach by the hand dredger and two spoon-and-bag boats, in March, and by the two latter to the 25th June. There must also have been a "rising" of the soft bottom to some extent, as bog timber was found over the required level in ground which had been dredged to the full depth by the steam-dredger in the previous year. The occupation bridge at Lisnatallagh has been completed, and the approaches, with gates, fences, and gravelled surface, have been formed. The temporary bridge has been removed. A wire fence has been put up along the division. The towing path has been formed, and in some places gravelled. The foundations of the lock-house were sunk from four to five feet below the level of the lock coping. The masonry of the house was commenced in July, and is not yet altogether completed. Stops have been put in the fish pass. The streams from the Drumconra and Aidmeenan lakes, and at Killadough, were cleared up in May and June.

Drumraine.—The wire fence has been made along this division. The towpath has been formed and gravelled nearly along its whole length. Much damage had been committed by cattle breaking down the fences to get water; and the Board directed that watering slips should be made in convenient places inside the fence, with a pipe to convey the water to them, which has been done. The Edentinny stream was cleared up in February.

Ballinamore.—Stops have been put in the fish pass at the weir for Lock No. 5. Watering places have been made along this reach where required. The excavation of spoil from the site of the lock-house was completed in February, so as to leave thirty feet from the centre of the road to the front wall of the house, as required by Act of Parliament. The masonry of the lock house was commenced in March, and the carpenter-work and rendering of the roof was completed in October. The blacksmith's tools and shop-fitting were removed from this district to the Lough Oughter and Gowna, &c., district, in July, when it was determined to put the steam dredgers to work there.

Fohera.—The whole of this river up to Lough Adura was cleared up in July and August. It was necessary to remove a considerable quantity of rock in consequence of the sinking of the level of the land since the river had been first opened.

Tullyoscar, Castleroggy, Moher, and Corraphort Streams.—The cleaning up of these streams was in progress at different intervals, as it could be most conveniently done through the year. As the lower reach of the Moher streams had very little fall, a portion of the old course of the Yellow river was cleared to carry off the dead water. An occupation bridge that had fallen into the latter stream has been repaired.

Creevy.—Some spoil has been levelled and soiled at the northern side of the canal on this reach. Two watering slips have been made on the lands of Tullyoscar and Creevy; and the clay base for a wire fence has been made on the soft bank towards Ballyduff.

St. John's Lake.—The approach of the Derrymacoffin bridge has been repaired, and the navigation course through the lake has been marked out with beacons.

Drumany.—The hand-dredger, with the spoon-and-bag dredgers, were engaged during January and February in completing the dredging of this reach. As at Aghoo, bog timber was found here where the full depth had been reached by the steam dredger in 1856, and some rising of the bottom must have taken place. A wire fence was put up along nearly the whole of the reach in January and February. The towpath along the whole reach has been gravelled, an abundance of clean gravel having been found in the spoil heaps

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along this reach. A drain has been made from an outlet of the cavernous limestone in the lands along the Drumany and Kiltyfannin stream, to relieve a valuable flat part that had been kept in a state of saturation at all times of the year: the level of part of the land fell two feet immediately after opening the drain.

Castlefore.—A collection of deposit at the meeting of the overflow with the navigation course below Castlefore lock, was removed with a spoon and bag in February and March. The puddle at the back of the lock chamber wall was removed in May, and Mr. Forsyth was able to examine it in the latter part of the month. A rubble retaining wall (the stones being laid in puddle) was built on the rock, through which the lower part of the excavation for the lock was made; and a puddle bank was carefully put in between the retaining wall and the back of the chamber wall. There had been a great deal of leakage from the land, which had worked its way through the former puddle and softened the mortar of the chamber wall; the soft mortar was all picked out of the joints, and the wall was carefully pointed with good mortar. A drain was made at the land side of the retaining wall to carry off the land leakage to the tail water of the lock. The work was completed in July, and no symptom of farther weakness in the chamber wall has since been perceived. The masonry of the recess above the forebay of the lock was pointed, and several leakages through the face of the forebay were stopped by it. The foundations of the lock-house were built in May, and the house was slated in August; doors, floors, and windows were put in in the following month; the roof was rendered, and the floors tiled in October. A heavy stone dam had been put in above Castlefore bridge, when the excavation for the canal was in progress, which was partially removed in 1856. The stones at each side of a gap in the centre of the dam were found to be very large, and it was found necessary to form a dam at the Lough Marave side of it, so as to remove it altogether. After the water had been let go at the Castlefore weir sluices, the bed of the canal down to the lock was cleared of obstructions at the same time; the lately made dam was removed nearly altogether to the required depth before the water was let in, and in letting in the water, the remainder of it was carried away. The towpath below Castlefore bridge was made of sufficient width, and a fence was made between it and the road. The towpath has been gravelled to Lough Marave.

Aghacashlane.—The embankment above the point of diversion on this river was repaired in September. The bed of the river course was straightened; and it was found necessary, in November, to drive some stout larch poles in front of the bank at the point, where the river coming from the north struck it nearly at right angles.

Annandale Stream.—The whole of this stream, nearly from the point of diversion of the upper mountain portion to Lough Scur, has been cleared up, and, as the lands had sunk in level since the stream had been opened in 1852, it was necessary to deepen a portion of it farther to a depth of eighteen inches, a short part of which was through rock and large boulders.

Kilclare.—A notice was served upon the miller at Kilclare to restrain him from using the water-supply for working his mill, as it had been purchased by the Board, and the water has not been used for the mill since. In order to prevent the trespass of cattle on the high banks between Kilclare and Lisconnor, it was necessary to scour the back drain at the southern side of the canal, and to make a low wall on the top of the bank along a portion of it where the height was insufficient for a fence. The back drain at the northern side of the canal, which is the drainage course for the lands of Lisconnor, has also been scoured and deepened; and an accommodation bridge has been made for Mr. King's tenants at Kilclare. The towpath between the high road bridge at Kilclare and Lock No. 12 has been covered with broken stone.

Lisconnor.—The foundations for the lock-house were sunk nine feet below the surface of the land, in February, and the masonry of the foundations was built in March. Advantage had been taken when the overseer was not present to throw stones loosely, without mortar, into the foundations, and the necessary alteration to render it secure occupied some time. The masonry was built and the roof was slated in August; the carpentry and tiling of the floors were done by the close of October.

Killarcan.—The excavation of the foundations of the Collector's house, six feet below the surface, was done in February, and the masonry was in progress in March; the roofing and slating were done in August; the carpenter's work was nearly done at the close of the year. The overfall into the canal below Lock 14 was lengthened in May, and the approach to the lower gates in times of flood was made much easier. In August the embankments along the low ground at Killarcan were raised where they had fallen in level, and the back drain bounding the purchased land was scoured.

Leitrim.—The dredging through the Black Lough, and from Leitrim bridge to the Shannon, was completed in January. The towpath has been formed across the Black Lough, and a covering of cross spars resting on split sleepers has been put on it. The coping of the fence wall at the fair green, ordered by the Board in February, has been done.

The completion of the lock-houses, some small amount of dredging deposit between Ballyconnell and Skelan, the dredging of deposit between Garadice and Aghoo, the construction and putting up of the stop-gate for Templeport river, the dredging at the slip and completion of the fence at Creevy, the cleaning up of the Castlefore, Corrigaport, and Annandale streams, and the diverting of the leakage into the canal at Kilclare, remain to be done, and can be completed at the close of April.

The only lands that have suffered by flooding are some low portions along the Derrylaney and Crooked rivers, a part of the flat above Ballyconnell, the flat between Bellahoy lake and the Blackwater river, a portion of low land along the Edentinny stream, the low ground above Cloverhill, and the bog land along the Fohera river, in all about fifty acres in extent. The remaining lands of the district were free from flooding, and generally of great benefit to the occupiers: as an instance, £7 10s. per Irish acre was got for part of the relieved lands near Castlefore as conacre, without manure, and £8 per acre is being got for the same land for potatoes, again without manure, for this year.

The crops grown upon the drained lands and the available pasture land are as follows:—

Name of Reach.	Potatoes, at £12 per acre.	Oats, at £8 per acre.	Meadow, at £5 per acre.	Pasture, at £2 per acre.	Rye, at £8 per acre.	Turnips, at £10 per acre.	Plants, at £10 per acre.	TOTAL.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Aghalane to Coologue, including Derrylaney, Drumderg, and Crooked rivers,	47	57	377	229	—	—	—	710
Coologue lake to St. John's lake, including Blackwater and other tributaries,	312	167	605	334	71	4	4	1,497
St. John's lake to Leitrim, including tributaries,	174	113	—	—	—	—	—	287
Totals,	533	337	982	563	71	4	4	2,494

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APPENDIX C. — Extracts from the Annual Report of Mr. Martin Farrell, C.E.

Total, 2,494 acres; Irish value, £15,876, deducting £8 per acre for tillage, other expenses, and former value of crops on the tilled land, and £2 per acre for the value of the former crops on the meadows and pasture land, the balance, £5,194, will be equal to £2 per acre as clear gain, besides a large quantity of land made available for cutting turf.

I give below the table of the number of men employed, the work done, and expenditure incurred, during the year, on both Districts:—

District.	Men Employed.			Work Done.			Expenditure.
	Greatest Number.	Average Number.	Equivalent in days of one man.	Earth.	Rock.	Masonry.	
				Cubic Yds.	Cubic Yds.	Cubic Yds.	£ s. d.
Lough Oughter, &c., . . .	60	36	11,131	12,827	30	—	1,379 6 6½
Ballinamore and Ballyconnell, . .	296	140	43,536	75,049	633	2,569	4,741 5 4

The fall of rain at Cavan, Belturbet, and Ballyconnell, during the months of the past year, has been as follows:—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals. 1857	1856	1855	1854	1853
CAVAN, . .	3·08	1·88	2·34	3·86	1·08	3·12	2·51	1·26	1·09	1·92	2·71	1·83	27·58	27·12	22·28	31·25	24·37
BELTURBET, .	5·55	2·92	2·96	3·84	1·19	3·73	1·43	3·60	2·51	1·94	3·28	3·69	36·64	30·67	29·86	40·26	38·72
BALLYCONNELL, .	4·00	1·54	2·84	3·50	1·37	3·53	2·31	3·24	2·07	2·92	2·90	3·25	34·46	No Registry			
CASTLEVORE, .	—	—	—	—	—	—	—	—	—	—	—	—	—	26·47	No Registry		

The quantity of rain for this year is greater than that for 1856; but it will be perceived from the following table that the quantity of rain which fell in the latter part of 1856 and the early part of 1857, was proportionably greater than the quantity in the other parts of both years:—

	Cavan.		Belturbet.	
1st 6 Months of 1856, . . .	10·95	Total for 12 Months, 31·53	11·98	Total for 12 Months, 38·88
2nd do., do. . . .	16·17		18·69	
1st do., of 1857, . . .	15·36		20·19	
2nd do., do. . . .	12·22		16·45	
Yearly average fall, . .	27·35		38·66	

Extracts from the Annual Report of Mr. S. Harding, C.E., Resident Engineer.

EXTRACTS from the ANNUAL REPORT of Mr. SAMUEL HARDING, C.E., Resident Engineer.

For the year 1857. Dated 15th January, 1858.

District of RINN *and* BLACKRIVER, *in the Counties of Leitrim and Longford.*

The weather was most unfavourable for drainage operations during the past year, until the end of April, since which time, with scarcely any exception, to the end of November, the season has been unusually fine.

On the main river, the works of Annaghcooleen shoal, 160 perches in length, were resumed at the end of May; and, though retarded by floods in the beginning of June, were completed in August. A small portion of the dams still remains, eighty-seven perches of tap-drains have been filled, and the spoil banks well shaped.

Nothing was done on the Johnston's Bridge Division, except the cleaning out of stones and obstructions in the river course during low water, and filling fifty perches of tap drain.

It turned out that any attempt to bottom the cut on the Annaghveigh Division, through the soft boggy excavation, would be a work tedious and difficult, from the slipping in of the banks and rising of the bottom; and as the river course had ample breadth, and as much capacity as the channel next below it, the excavation was not removed deeper than about sixteen inches over grade line through the several small shoals extending over a length of 550 perches of river course. The unwatering cut, 163 perches long, was then closed.

From the rock-cutting above Lurga bridge the excavation of the Lurga Division, consisting of side paring and bottoming for 245 perches, was also completed, during very dry weather, without the expense of making a tap drain. The portion below Belscarry mills has been much torn by the November floods, from the gravelly nature of the material, and will, probably, have to be widened for thirty or forty perches.

The enlargement of the cut at Belscarry rock was effected during the summer, the dams cleared away, and 112 perches of unwatering course filled.

On the Streamstown Division, some time completed, the taps were filled, as likewise on the Cloone Division, making a total of 653 perches.

The Lough Cam Division was opened up and completed to near the Feenagh road, a length of 430 perches. The bottom has risen in some parts.

The unwatering courses on the Cornulla and Lough Adoon Divisions, 158 perches long, have been also recently filled.

On the Blackriver, the excavation of the division of that name commenced, when the water was lowered at Annaghcooleen, and was finished for a distance of 210 perches, and to within a few lots of the head dam, which rests at the junction of the finished excavation. A

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centre cut had been previously made through this work. The spoil banks have been well shaped, and the tap-drain, for a distance of 120 perches, closed, leaving about forty perches open, which is still required to complete the work in main channel.

On the main channel of the Drumlish Division, seventy-four perches were completed early in the year, the portion in hands having been nearly finished in 1856. An unwatering course, 280 perches in length, has been filled, and the excavation of the Drumshanbo drain in progress, since floods suspended the works on the Blackriver Division. The Drumlish main drain, a small tributary 205 perches in length, was completed early in the year.

The Ballinamuck Division, below Esker bridge, was also finished before winter, to the junction of the channel previously excavated, a distance of ninety perches. The Lough Sallagh drain, 235 perches long, has been also completed, and its lake lowered about four feet.

As the Lough Donogher and Carrickavogher branches have been ordered to be omitted, the excavation works of main channel from the Shannon to the head of the district on the Lough Cam Division may be considered completed, except the small portion of work on the latter, and some slight sinking at the head of the Clooee Division. Some clearing up of slips and dams will be requisite to perfect the channel in various places. The excavation on the Blackriver is also done, except the few lots above Kesh bridge, already referred to. Portions of the Drumshanbo and Fearglass main drains yet remain to be finished. During the year there was no strike or difficulty with the workmen. The spoil banks have been well dressed off. Where the depth of channel was not too great, a few slips or inclines have been substituted for accommodation passes to the satisfaction of the tenants. When the remainder of the work on the district is laid out, I shall be able to furnish an accurate list of the remaining accommodation passes, &c., required.

The wetness of the spring retarded agricultural operations so much that labourers were scarce the early part of summer; but, during autumn, a larger number were employed than for some years, in consequence of the rate of wages being raised, the absence of the usual floods at that period to disemploy them, and from an impression that at the harvest business elsewhere remunerative wages were not offered to induce many to leave home.

Appendix C. Extracts from the Annual Report of Mr. S. Harding, C.E., Resident Engineer.

The only high flood of use to test the dimensions of the channels occurred on the 23rd November. On the Blackriver it was regarded only as a *considerable* flood, and the dams backing it on a long reach prevented my making accurate observations; but on the upper part of the main river the rain fall was very excessive, and consequently the floods. Above Belscarry, the lands around Drumeen lake, and lying below the general level, comprising an area of about ten statute acres, were flooded for a day, but the water did not cover the ordinary low lands. Most probably fifty statute acres would, on that occasion, have been covered, but for the last works at Belscarry. On the lower part of the main river, the Shannon being about summer level, the floods below Johnston's bridge were considerably under the lands, but above it to Annaghveigh bridge about fifty statute acres of moory meadow and pasture lands were covered more than a day.

In the month of May I gave up charge of the Longford and Keenagh Districts to Mr. A. O. Lyons, C.E., and came to reside here by the Board's instruction.

During 1857, about 400 statute acres were relieved. The following exhibits the principal work done during the year:—

Main channel opened up and completed,	1,115	statute perches.
Do. (previously opened up) completed,	1,084	,,
Unwatering cuts opened, ...	165	,,
Do. closed, ...	1,663	,,
Do. scoured and deepened, ...	720	,,
Measured rock and earth, chiefly hard clay and gravel, ...	47,553	cubic feet.
Spoil bank levelled and dressed (about)	990	square perches.

I append an approximate table, calculated at low rate of produce and prices, showing the benefits derived off the reclaimed lands of the district, in statute acres, for the past year, deducting rent, labour, and all other expenses:—

CROP RETURN FOR 1857.

	Statute acres.		£	s.	d.		£	s.	d.
Meadow, .	912	at	2	10	0	per =	2,280	0	0
Potatoes, .	289	,,	4	10	0	,, =	1,300	10	0
Oats, . .	173	,,	2	15	0	,, =	475	15	0
Rye, . .	25	,,	4	8	0	,, =	110	0	0
Turnips, . .	10	,,	5	0	0	,, =	50	0	0
							£4,216	5	0

Extracts from the Annual Report of Mr. H. J. B. Kane, C.E., Resident Engineer. For the year 1857. Dated 17th January, 1858.

Extracts from the Annual Report of Mr. H. J. B. Kane, C.E., Resident Engineer.

Districts of Brosna (*Ferbane*), *and* Kilbeggan, *in the King's County and County of Westmeath.*

The operations in progress on this district during the past year have been principally those of completion, and scouring rivers and drains which have been opened for some years. Under these circumstances, the extent over which the works were distributed was greater than on any previous year since their commencement, almost all the divisions on the district requiring some scouring or other works of maintenance or completion.

Skehanagh Division.

The works in progress on this division were filling 358 statute perches of unwatering cuts, levelling 577 perches of spoil banks, and scouring thirty-nine perches of drains crossing site of unwatering cuts, and running between unwatering cuts and new river channel.

Ferbane Division.

On this division the works executed were similar to those on the Skehanagh, viz: filling 207 statute perches of unwatering cuts, levelling 276 statute perches of spoil banks, scouring thirty-one statute perches of cross drains, and otherwise completing the division.

Coole Division.

The principal works on this division have been levelling and dressing 857 perches of spoil banks, and scouring, deepening, and otherwise improving a tributary, known as Kilcolgan drain, together with some other small drains crossing site of unwatering cut, the whole measuring 318 statute perches; in addition to the above, the superstructure for Derryford occupation bridge, constructed of timber and iron, and having a water way of eighty feet has been erected.

Brackagh Division.

All excavation on this division was completed in 1856, and the only works executed during the past year were levelling 195 statute perches of spoil banks, and painting Brackagh occupation bridge.

Ballycumber Division.

The spoil banks on this division have been levelled for a distance of 894 statute perches, forty-seven perches of unwatering cuts filled, and fifty-eight perches of drains scoured. The occupation bridges at Bolart and Ballycumber have been tarred, and the planking repaired.

Clodiagh River.

Cornalaur Division.

The embankments on this reach of river, for a distance of eighty-four statute perches were completed, which makes the banks continuous for the entire length of division; 350 perches of drains were scoured, deepened, and otherwise improved to act as back drains, for the drainage of the low lands lying without the banks.

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APPENDIX C.

Extracts from the Annual Report of Mr. H. J. B Kane, C.E., Resident Engineer.

Rahan Division.

The works in progress on this division during the past year, have been the completion of the embankments from a point below Corcoran's bridge, to Rahan bridge, a distance of 453 statute perches.

Charleville Division.

The main channel on this division has been completed for a distance of 688 statute perches, and the excavated material, chiefly consisting of sand formed into banks, dressed, soiled, and sodded in face, for a distance of 513 statute perches. In addition to the above, 215 statute perches of drains have been scoured, deepened, and otherwise improved, to adapt them to the double purpose of taps while the works are in progress, and back drains to relieve the low lands when the embankments have been finally closed.

SILVER RIVER.

Aharney Division.

On the upper portion of this division during the early part of the year, the main channel was excavated to a depth, varying from three to five feet under low land for a distance of 675 statute perches. The portion of channel to the down stream, and lying between Doory bridge and Coleraine demesne, was opened to its full depth and dimensions for a distance of 852 statute perches, the material principally consisting of clay and gravel with some rock. In the autumn, the works connected with the embanking of the Silver river from its junction with the Clodiagh river was commenced, and up to the end of the year those works have been vigorously prosecuted, and are now nearly completed. They consisted in widening the channel for a distance of 334 statute perches, for the purpose of obtaining stuff to assist in making the banks, excavating 1,944 perches of unwatering cuts, tap-drains, and back drains, and constructing 487 statute perches of embankment from the material thus made available. In addition to the above, a tunnel sixty feet in length has been constructed under the Silver river to discharge the drainage water from the low land without the banks, and also a small stone occupation bridge over back drain, and two gullets under public road over the back drains on either side of Derryeaker Bridge; the completion of the upper portion of division between Coleraine and Ballyduff has been resumed, and should the weather prove favourable, will be completed early in the spring.

CLOGHATANNY RIVER.

Cloghatanny Division.

The works on this division have been entirely confined to scouring the main channel, which has been completed for a distance of 820 statute perches, and under-pinning a gullet under public road. This stream was opened so far back as 1849, and consequently required a thorough cleansing, as no works of maintenance had been carried out from that period to the present year. The permanent state of this stream is now most satisfactory, as from the perfect consolidation of the land during that long period, the efficiency as a water course is thoroughly insured, and the cost of future maintenance will be comparatively inexpensive.

BALLYBOUGHLIN RIVER.

Ballyboughlin Division.

The above mentioned division was originally opened at the same time as the foregoing, and like remarks with respect to the present efficiency of the conduit may be entertained, as this river channel has been thoroughly cleansed and scoured for a distance of 2,223 statute perches; three timber and iron occupation bridges, with stone abutments, have likewise been constructed; 319 statute perches of unwatering cuts filled, and the division otherwise completed.

TULLAMORE RIVER.

Tullamore Division.

Early in June, the works on this portion of the district were commenced, and consisted in the construction of a bridge, having two arches of ten feet span each, over the Tullamore river at the road called the Sallygrove, leading to Robert's mill, together with the excavation of weir basins and the construction of a mill weir seven feet high and sixty feet in length with fish pass, constructed on the most approved principle. In addition to the above, the main channel of the Tullamore river has been scoured and otherwise improved to the up-stream of weir, for a distance of 208 statute perches, including the removal of the old mill weir, known as Molloy's weir, and the cleansing of the wide river channel through the town of Tullamore, likewise the construction of pitched walls for the purpose of narrowing the channel, and thereby promoting the scouring power of the river, as also to form a depot for the reception of the deposit excavated from the channel, and put to spoil in the position above described.

Springfield Division.

The works on this division have been the scouring of main channel for a distance of 2,167 statute perches, and the scouring, deepening, and otherwise improving 108 statute perches of tributary streams.

General Remarks.

Referring to the foregoing, I herewith give a general summary of the total amounts of the different works executed during the year on the entire district, viz: 6⅞ miles of main river courses opened; eighteen miles of main river courses scoured; 9¾ miles of unwatering cuts, tap drains, and back drains, some made new and some old drains adapted; nine miles of spoil banks along river edges levelled; 4¾ miles of embankments constructed; two miles of unwatering cuts closed; the whole involving the removal of nearly 178,000 cubic yards, as also the construction of five bridges, tunnels, and gullets; one mill weir with fish pass, and eight occupation bridges of various spans.

The cost per cube yard for excavation on the whole district, amounts to 4·007*d.*; and in the following table I have shown the number of cube yards excavated on each division.

Name of Division.	Earth-work. Cube yards.	Rock-work. Cube yards.	Total Cube yards	Masonry. Cube yards
Skehanagh, .	27,741	–	27,741	–
Ferbane, .	14,634	–	14,634	–
Coole, . .	6,977	–	6,977	–
Brackagh, .	780	–	780	–
Ballycumber, .	5,252	–	5,252	26
Cornalaur, .	2,263	–	2,263	–
Rahan, . .	2,678	–	2,678	–
Charleville, .	37,020	78	37,098	15
Aharney, .	46,689	178	46,867	234
Cloghatanny, .	2,005	–	2,005	12
Ballyboughlin,	17,802	–	17,802	48
Tullamore, .	6,642	–	6,642	342
Springfield, .	7,251	–	7,251	26
Total, .	177,734	256	177,990	703

To complete the district, not including the upper portion of the Silver river or works of general maintenance or other contingencies that are likely to arise from winter floods, &c., the works are the completion of the embankments on the lower, and the excavation of bottom lift on the upper portion of the Aharney Division, as also the completion of the excavation on a short distance of the upper portion of the Clodiagh river, and the completion of the banks and back drains on Charleville Division, and the lower portion of this river near its junction with the Tullamore river, together with the filling of some unwatering cuts, the completion of the scouring of the Tullamore river, and the erection of some occupation bridges.

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RAIN FALL at FERBANE for 1857, KING'S COUNTY.

Month.	Amount of Rain.	Number of days rain.	Number of days fair.
January,	3·52	21	10
February,	1·60	16	12
March,	2·11	16	15
April,	3·04	24	6
May,	1·35	12	19
June,	3·30	13	17
July,	1·78	15	16
August,	1·91	10	21
September,	2·95	14	16
October,	1·94	20	11
November,	2·50	10	20
December,	2·65	18	13
Total,	28·65	189	176

The rain fall at Ferbane for 1857 holds a low figure when compared with the amounts registered in years past, and although somewhat more than during the years 1854, 1855, is, notwithstanding 3·13, under the average for ten years, which is 31·78, and if we divide this period, we find the average for the first five years is 35·30, and the average for the last five years 28·27 indicating a very material, and it would appear, permanent decrease in the amount of rain fall.

APPENDIX C. Extracts from the Annual Report of Mr. H. J. B. Kane, C.E., Resident Engineer.

* * * * *

Kilbeggan District.

On this district the only works during the past year, have been the scouring of two small streams on the Mullingar division, called the Keoltown and Kilpatrick drains, and the construction of four timber occupation bridges over the cut, known as Lacy's Canal, together with some slight works of maintenance in the repairs of embankment injured by the high floods of 3rd and 5th of January, 1857, on the Kilcoursey and Lehinch divisions. All works are now entirely completed; the final award was made in November last, and the district given into the hands of the proprietors.

EXTRACTS from the ANNUAL REPORT of Mr. JOHN W. KELLY, C.E., District Engineer.
For the year 1857. Dated 15th January, 1858.
Districts of FERGUS, QUIN, ANNAGH, and COMOGUE, *in the Counties of Clare, Galway, and Limerick.*

Extracts from the Annual Report of Mr. J. W. Kelly, C.E., District Engineer.

FERGUS DISTRICT.

The year 1857, like the two previous ones, was generally favourable for drainage works. The number of dry days was greater, and depth of rain fall less than usual. The state of the weather was no less favourable than indeed necessary for the satisfactory progress of the works that were to be executed in this district during the year. They consisted, in a great measure, of completing rock and gravel excavations in the bottoms of deep channels of rivers, and in the beds of lakes.

The works were carried on in eight divisions of the district—namely, the Clare, Gaurus, Ennis, Ballyhee, Dromore, Ballyteigue, Corofin, and Castlelodge Divisions:—

Clare Division.

The works consisted of making 118 perches of new embankments in places where the repairs of the old ones were impracticable; strengthening and otherwise repairing 412 perches of the old embankments; opening seventy-five perches of minor drains; inserting in the embankments in the townland of Clare Commons a square wooden tube, thirty-five feet in length, and affording a sluiceage or waterway of two feet by eighteen inches for the discharge of the land waters into the river, in the absence of the tides; building a gullet, three feet span, under accommodation road to village of Doora; and closing up four of the land arches of Clare bridge to a level a little above that of high tides.

The boggy swamp composing this division has been gradually subsiding and consolidating during the last three years, but seems to have at last reached a state of permanence.

The banks of the deep river between Clare and Ennis, on the margins of which the tidal embankments are made, have made no new slips, nor shown any indications of further subsidence during the year. We have, therefore, proceeded with putting the additional earthwork to the land slopes, and otherwise strengthen and raise the embankments, so as to have them in an efficient state, and be ready for award, as soon as the remaining works in the district shall be finished. Had this additional weight of earthwork been added to the embankments at an earlier period it would have been calculated to cause subsidences and slips into the deep river in front.

There have been two very high tides, accompanied by strong gales of wind, during the year, one on the 14th of March, the other on the 3rd of November. The former did considerable damage to the embankments, the latter not much. The damage to the embankments, on both occasions, was repaired, so as to prevent any serious injury to the enclosed lands, or give grounds for any consequential damages.

The closing of the side arches of Clare bridge has had the effect of preventing the extraordinary spring tides rising between Clare and Ennis to within from three to six inches of the height they otherwise would attain, which is a matter of great importance to the stability of the embankments, whilst the open deep arches are quite sufficient for the discharge of the tidal and drainage waters of the river.

The excavations were—

36,747 cubic yards of earth-work.
1,036 " rock-work.

Gaurus Division.

The whole of the works in this division were commenced and completed within the year. They consisted of 454 perches of new embankments; 436 perches of new back drains; and widening and deepening 376 perches of the Gaurus river; also, of inserting in the embankments, near the junction of the Gaurus river with the Fergus, a large double sluice, composed of a red pine timber tube, forty-two feet in length, and affording a sluice power or waterway of eight feet in width by two feet in height.

The sluice and other works in this division are very effective.

Excavation, . 14,958 cubic yards of earth-work.
" . 206 " rock-work.

Ennis Division.

The works in this division consisted of getting four sets of machinery made and put on the sluices attached to Ennis weir, for the purpose of raising and lowering them; some rough masonry walls at approaches to sluices; about 612 cubic yards of earth-work; levelling and dressing of spoil banks; and a cut stone fish ladder for enabling salmon, &c., to surmount the weir. There has been also a handsome stone arch, forty-five feet span (as approved by the Board), built by the county, for the passage of the floods from the weir and sluices.

The whole of the works in this division have proved to answer the purposes intended. The deepening of the river through the town prevents the streets being flooded as formerly, and affords an improved sewerage power. The weir and sluices have been tested by heavy floods, and found to be equal to their requirements. The fish passage works well—salmon have been seen passing over it, and none making fruitless attempts, as heretofore, to jump over the weir—which is a proof that they have ascended by means of the fish ladder. The works about the mills were effected in such manner

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APPENDIX C. — Extracts from the Annual Report of Mr. J. W. Kelly, C.E., District Engineer.

as to occasion no grounds for claims for damages, and the water-power has been greatly augmented by the increased fall afforded, a circumstance which the proprietor of the mills has availed himself of, by lowering the water wheels, and thus nearly doubling the mill power.

Ballyhee Division.

The dam at the head of Ballyhee deep cut has been removed, the excavation made thence into Cloonteen lake, and the new channel opened for the first time, thereby shortening the course of the river over four miles, and, of course, relieving the large tracts of valuable meadow lands along the old course from future inundation. The fence walls along the top of this new cut have been completed, the spoil finally levelled, and now that all is finished, and the river flowing through the new channel, it forms an imposing and creditable public work.

A new drain, 144 perches in length, has been opened from Cloonteen lake along the old course of the river to a large spring, and its waters brought back in the opposite direction to its former course, and through Ballyhee cut.

Excavation,	. 2,246	cubic yards of earth and gravel.
,,	. 194	,, limestone rock.

Dromore Division.

The works in this division consisted of bottoming and finishing the main channel, and levelling spoil banks, from Cloonteen lake into Dromore lake, and thence to Adroon bridge, a total distance of about four miles. Much of the excavation in this division was tedious and difficult; but, the weather being favourable, it was worked out with advantage. A new bridge, of the span (30 feet) approved by the Board, was erected at Adroon by the county, and the temporary bridge and approaches erected and maintained under the Drainage Acts were removed.

Excavation,	. 7,528	cubic yards of limestone gravel.
,,	. 2,157	,, ,, rock.

Ballyteigue Division.

In this division also the works were of a very tedious description, consisting of bottoming the main channel, and carrying it through the lakes, from Adroon bridge to the centre of Loughateadaun, a distance of over five miles. A large proportion of the excavation in this division was limestone rock; and, owing to the depth at which it lay, and the trouble of unwatering it, was very tedious and difficult. We persevered at it, however, all through, and it will be seen by the accompanying diagram section that very little remains unfinished, and that that forms the only portion of the main channel from Loughateadaun to Claie now unfinished.

A new bridge, thirty feet span, has been erected at Bealickania, in this division; and another, of similar span, is under contract to be built at Ballyogan, both being of the dimensions, &c., approved by the Board, and built by the directions of the Grand Jury of the county. The temporary bridge built at Ballyogan in 1856, under the provisions of the Drainage Acts, although over twelve months' standing, may, I presume, be left so, until the permanent one be built, which, it is expected, will be early next summer.

The spoil banks in this division have been all levelled, and several watering slips for cattle made.

Excavation	. 13,022	cubic yards of earth and gravel.
,,	. 4,708	,, limestone rock.

Corofin Division.

The only works in this division were the erection of a rough stone weir at Riverstown tuck-mill, and a cut stone fish ladder at Inchiquin weir, to enable salmon, &c., to pass up over the weir. Some salmon were seen passing up this ladder, a short time after its completion, last autumn, an event which was remarkable from the fact that a salmon was never seen so far up river before, nor indeed could possibly ascend so far until the river channel was opened under our drainage operations.

Castlelodge Division.

This division comprehends the chain of lakes extending from Loughateadaun, near Corofin, in the county Clare, to Tuberindoney, in the county Galway; and, although not the most important in point of the extent of works required, is very much so in point of extent of lands to be drained and improved. The drainage channel has been finished to the full depth, from its junction with the Fergus through the bed of Loughateadaun, and thence through the new deep cut at Kells, nearly into Lough Cullaun. It has also been partially made, from the opposite extremity of the latter lake, by Ballard bridge, to the western margin of Ballyeighter lough, and would be finished so far at this time, were it not for the difficulty of excavating it, until the waters of Lough Cullann shall be drawn off to the full depth, which I expect we shall be able to do at the end of the present month. The diagram section accompanying this Report will more fully elucidate the state of the works in this division.

A new bridge, twelve feet span, has been built over the new channel at Kells, where the road passes over it. This bridge was built under the Board's directions, as part of the drainage works. A temporary bridge was erected in the early part of the year, and cleared away, when the permanent one was finished.

A temporary bridge has also been made at Ballard, pending the permanent one being made by directions of the Grand Jury.

About 128 perches of a minor drain has also been opened in this division, and in a few months it is expected we shall be able to have all the lakes lowered.

Excavation,	. 7,472	cubic yards of earth and gravel.
,,	. 2,351	,, limestone rock.

General Remarks.

The effects of the works executed during the year were everywhere satisfactory. The total extent of the lands drained up to the present is 4,663 acres, and to which partial relief has been afforded, 1,560 acres. Of this area, 1,958 acres were drained during the year, and 760 acres more have derived partial relief from the present unfinished state of the works. Of the lands drained, about 288 acres have been brought into cultivation, and have generally given good crops of potatoes, turnips, oats, and barley.

The aggregate number of days' work of all the persons employed during the year was 55,717, and of horses' work, 307. The greatest number of men employed was 492, and occurred on the 27th July. The average number was about 202 daily.

The total quantity of excavation was 93,254 cubic yards, of which 82,585 cubic yards were of earth and gravel, and 10,669 cubic yards of limestone rock. Of masonry, the total quantity was 786 cubic yards, of which nearly half was of a superior kind. The average cost of the excavation, including the expense of powder and fuse, unwatering works, plant and tools, overseers and engineers, was about 11½*d.* per cubic yard, which will appear moderate, when the depth of the work and difficulty of unwatering it, the large quantity of rock-work, &c., are considered. The average cost of the masonry was 7*s.* 11*d.* per cubic yard. Deducting the cost of horse hire and materials used in works from the total expenditure, the general average cost of all the persons employed, including labourers, masons, smiths, carpenters, overseers, and engineers, would be but 1*s.* 7½*d.* per diem. The labourers' wages were in no case (unless for a few boys employed) less than 1*s.* 4*d.* per diem.

With regard to the completion of the district, every exertion shall be made to have the works finished by the end of the present year 1858. With the exception of additional outlay upon the Clare Division, caused by the casualties to the tidal embankments, as reported to the Board from time to time, and the extra works, such as fish passes, temporary county bridges, Kells bridge, &c., we shall, I feel confident, be able to complete the district for the sum allocated for the purpose, by the Commissioners of Inquiry; although labour has

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since become scarcer and dearer, than at the time their estimate was made.

In accordance with the Board's instructions, I have examined the state of the works and lands in the following districts, for which awards have been made, namely:—the Quin District, in the county Clare; the Annagh District, in the county Galway; and the Comogue District, in the county Limerick.

Quin District.

This district, both as regards the lands and works, is nearly in the same state that it was when making my Annual Report for last year. The trustees of the district have never taken any measures for the maintenance of the works, nor even for the prevention of persons forming obstructions in the watercourses. These obstructions are caused chiefly by persons throwing stones into the channels for the purpose of crossing dry, in the low states of the rivers. Every rise in the waters necessitates more stones, and so on, until the obstructions become serious,—as in the case of the river in front of Quin Abbey, where there is at present a barrier of over two feet in height of stones across the channel. This is, however, the worst case in the district, and owing to the efficient manner in which the works were when given up to the trustees, the lands, up to the present time, are free from inundation.

The extent of the drained land that has been tilled has not increased much, and it consists chiefly of cutaway bogs, which yield good green crops and oats. The total extent of the land brought into tillage is about 480 acres. The meadow grasses have much improved in quality, and the lands are available for pasturage through the winter.

Annagh District.

The state of this district is also nearly similar to that in which it was when described in my last Annual Report, the only difference being, that the main channel continues its tendency to deepen, whilst the minor channels continue to have the opposite tendency. The main river is kept scoured and deep by the periodical mountain floods that roll down, and pass swiftly but harmlessly through, without producing inundation and destruction to crops as formerly; but the minor drains, having no such scouring power, favour a growth of weeds, and are thus rendered comparatively inefficient. The lands lying remote from the main river, although not yet liable to flooding, suffer accordingly; and it is not, I have heard, the intention of the trustees to interfere. The lands in the vicinity of the main channel are free from any injurious influence, and greatly improving in the quality of their herbage.

The extent of the drained lands brought into tillage is not great. Those tilled were for the greater part cutaway bogs, and the crops produced would justify the hope of seeing the system much extended; the lands are, however, chiefly devoted to meadowing, and are afterwards available for pasturage during the winter.

The Comogue District.

The final award in this district was made in March, 1852, and for three years afterwards the works were closely attended to by a person who held their conservancy under contract with the trustees. The works were thus brought to a comparative state of permancy; and although they have been now nearly three years unattended to, they continue, with few minor exceptions, to be in good order. These exceptions are some boulders and rocks that fell into the waterway, from the sides of the gravel cutting above Glenogra bridge, and thence down towards Glenogra Castle; and some of the minor drains that require to be cleared of weeds, &c. The general state of the works is, however, good, and the fine tract of lands, chiefly meadows, composing the district are much improved in the quality of their herbage, and are quite beyond the reach of inundation.

The system of artificial irrigation has been applied to a portion of these meadows with the best results. The mode of application was to cause the waters (obtained of course from higher levels) to *move gently over the lands in thin films*, and the proper time of application (in the spring) requires judgment, as much depends upon the state of the weather, of vegetation, and of the lands, as regards moistures, &c. The stagnant water system favours the growth of mosses, and coarse aquatic herbage. The success of the irrigation in this case may be inferred from the fact, that the meadows so treated produced last summer, I am informed, no less than nine tons of hay to the plantation acre.

As a drainage measure this, as well as the two last named districts, may be considered to be quite successful; and I trust the Fergus District, when completed, will be equally so.

The following table shows the state of the weather in Ennis during the year 1857:—

Month.	Number of Days.					Depth of Rain that fell in each month.
	Rain.	Hail	Snow.	Frost.	Fair.	
						Inches.
January, .	10	1	1	8	11	4·51
February, .	11	–	–	3	14	1·57
March, .	5	2	3	5	16	2·73
April, . .	15	2	1	–	12	4·01
May, . .	9	–	–	–	22	1·61
June, . .	10	–	–	–	20	2·87
July, . .	10	–	–	–	21	2·34
August, .	6	–	–	–	25	2·17
September, .	9	–	–	–	21	3·42
October, .	17	–	–	–	14	3·28
November, .	7	–	–	5	18	2·46
December, .	15	–	–	1	15	3·16
Totals, .	124	5	5	22	209	34·13

Abstract of rain-fall in Ennis for last seven years:—

	Inches.
1851, ...	40·08
1852, ...	53·59
1853, ...	40·37
1854, ...	36·44
1855, ...	32·70
1856, ...	35·25
1857, ...	34·13
. Average, . .	38·93

Appendix C.

Extracts from the Annual Report of Mr. J. W. Kelly, C.E., District Engineer.

Extracts from the Annual Report of Mr. A. O. Lyons, C.E., Resident Engineer. For the Year 1857. Dated 16th January, 1858.

Districts of Longford *and* Keenagh *in the County of Longford.*

Extracts from the Annual Report of Mr. A. O. Lyons, C.E., Resident Engineer.

Longford District.

The principal works executed during the year 1857, consisted in the removal of several shoals and dams, on the Cloonanny and Kilnacarrow Divisions, and the removal of obstructions and deposit from the watercourses over a great part of the district.

The excavation of twenty-four perches of river course near Kilshrowly bridge, the removal of 5,500 cubic yards of deposit from Kilshrowly pond, the construction of a new sluice gate, and repair of the weir at the same place, together with the filling of unwatering cuts and dam pits.

The underpinning of the bridges on the public road at the Killeter and Pocket branch rivers, the completion of the retaining walls at Ballinalee, and the building of a small stone bridge at Tullybawn on the Clonbroney farm road.

The outfall of Soran drain was opened now for a distance of eight perches, and the drains at Deanscurragh, Derryharrow, Cloonee, Esker, and Ballynascraw were scoured, being greatly overgrown with weeds.

A small portion of rock was removed from the tail race of the manor mill at Longford, and some repairs made on the premises adjoining the river, (which had

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APPENDIX C.

Extracts from the Annual Report of Mr. A. O. Lyons, C.E., Resident Engineer.

been injured by the blasting of the rock,) together with the formation of a public slip or watering place, off Water-street, in the town of Longford.

The unwatering cuts were closed along the greater part of the district, for a distance of 2,682 statute perches.

At the Spring Assizes, the Grand Jury passed a presentment for £969 5s. 9d. for the bridges of Ballinalee, Rhine, Soran, and Agarr.

The highest flood during the year occurred on the 23rd of November. The river course was full in many places to the surface of the land, but the district generally was free from flooding, only the low swamps and hollows of old river courses being covered with water for a few hours. The total area flooded did not exceed forty-eight statute acres on one occasion.

The works remaining to put the district in a fit state for award, consist principally in the erection of some accommodation bridges; the formation of a fish pass at the Longford mill weir, and the maintenance and superintendence of the works extending over more than forty-two miles of rivers and streams. I anticipate that the award can be made during the present year.

* * * * *

The improved state of the lands has been so often described in previous reports, that I need not now refer to it.

KRENAGH DISTRICT.

The principal works executed during the year were as follows, viz.:—

The removal of the deposit, and scouring of the river course for 2¼ miles in length, at the lower end of the district, adjoining the river Camlin; this work has been of much service to the lands, by preventing the flooding to which they would otherwise have been subject.

The erection of an iron lattice bridge of twenty feet span over the Fallon river, on the public road from Longford to Richmond harbour.

The construction of a mill weir forty-three feet in length, and sluice gate in connexion with Gorteenboy mill, also a mill weir thirty-two feet in length with sluice gate, back drain, and syphon under head race, in connexion with Cloonkor mill, also, a mill weir twenty-two feet in length with sluice gate, at Abbeyderg in connexion with Cloonmucker mill.

The parapets of Gowlan bridge, on the public road from Longford to Killashee were completed, and stone gullets built on the public roads in the townlands of Cartron and Torhoy.

Accommodation bridges were erected over the river, at the townlands of Cloonmore, Sharvoge, Carrownanagh, and Aghintragh; those at Lyneen, Caldraghmore, Cloonanny, and Cloonker, are in progress.

The unwatering cuts have been filled along the entire district for a length of 1,227 statute perches.

The river courses and streams extending over a distance of nearly twenty-five statute miles, have been scoured and obstructions removed; there has been considerable expense attending the removal of slips during the year, along the deep bog cut into Killashee turlough.

The works at present in progress for the completion of the district, consist in the finishing of the accommodation bridges, and the parapets of Ballyclare and Fallon bridges, together with the opening of eighty perches of a drain into the townland of Gowlan, and the usual works of maintenance.

* * * * *

With the exception of about ten statute acres, near Fallon bridge and the Camlin river, the entire of the district has been free from flooding during the year.

The valuation of the district was made in July, and the notices calling a meeting for hearing objections to the draft award have been published.

Extracts from the Annual Report of Mr. John S. Mason, C.E., Resident Engineer.

EXTRACTS from the ANNUAL REPORT of Mr. JOHN S. MASON, C.E., Resident Engineer.

For the year 1857. Dated 18th January, 1858.

District of LOUGH GARA *and* MANTUA, *in the Counties of Roscommon, Sligo, and Mayo.*

The deepening of the main river courses having been finished during the previous year, only the minor streams and drains, together with the erection of accommodation bridges, removal of dams, and some repairs of the works remained to be done, in order to complete the improvements originally designed to be carried out in this district.

The works were in progress during the year in the following divisions, and having all been successfully brought to a close, the district is now ready for the award.

Tinacarra.

At this shoal a portion of the longitudinal dam referred to in my last report remained to be taken out, and was removed in the month of June. In connexion with this work, a mill owner on the Boyle river commenced an action at law against the Board to recover compensation for injury supposed by him to result to his water power by the lowering of the level of Lough Gara, but his claim was debarred by the Act 18 and 19 Vic., chap. 110, which limits the time for making such claims. The supply of water to the mill has been increased by the drainage operations; and I have no doubt but the mill property has been benefited, in place of injured, by the works.

Cuppanagh Stream.

The main drain was partly opened in the month of June, when the work was stopped, owing to objections made by some of the tenants, whose crops would be interfered with in straightening the watercourse; however, after some delay, the agent of the property agreed to settle with them for any injury done, when they gave their consents, and allowed the work to be proceeded with. It was necessary to make nearly an entire new cut for the lower reach of the stream, to avoid the sharp turns in the old course. The material excavated was chiefly peaty clay, except at the upper end, where the rock appeared in the bottom, and required to be blasted. The new cut has been opened for 256 statute perches, and made ten feet wide, five feet in depth below the surface of the adjoining lands, and the work was finished in the month of August.

Ardmore Stream.

The main drain in this division was opened in the months of May and June; the old watercourse was widened and deepened, particularly near the lower end, where a gravel ridge required to be sunk to give an outfall to the wet lands. On this tributary 260 lineal perches of drain were deepened about six feet below the surface, and opened twelve feet wide. A side drain was also deepened to prevent the flooding of some land in this division.

Lung River Division.

Two tributary streams in the townlands of Creggan and Coollena were opened up during the summer months. The old courses were followed, except at the lower end of the Creggan drain, where it was necessary to make nearly a new cut sixteen feet wide, in order to avoid the sharp turns in the old course.

The main channel during the low summer water was cleared of dams, and some deposit which obstructed the water way.

The main drain through the townland of Keelhanada was cleared of stones and obstructions, and six timber passes of thirteen feet span were erected for the accom-

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modation of the tenants whose lands were severed by the drainage cut. Also in this townland the tap drains not required for the drainage of the adjoining lands were filled in. The upper end of the main drain in the townland of Kilcoleman was also deepened and widened, and the works in this division were generally repaired, and are now in good order.

Breedoge River Division.

During the summer months portions of the main channel became much overgrown with weeds, which obstructed the waterway. A number of slips also filled up the river course, and were removed. Nearly the entire length of the division required some clearing, and is now free from all obstructions.

The lower end of the Bella stream was cleared of deposit, and the work in the upper division, where the old course only required deepening in a few places, was also completed. A timber bridge, resting on stone abutments, was erected across the stream, and the drain was cleared of all obstructions.

Two timber passes were erected across the Kingsland stream and Bella swamp drain, and about ninety lineal perches of the latter drain, where the work terminated the previous year, were completed in the month of January.

Bellanagare River Division.

The main channel in this division was opened through very wet land, and required to be several times gone over, in order to keep the watercourse sufficiently deep and wide. With the subsiding of the adjoining lands, the bottom of the channel continued to swell up, and in wet places the banks slipped in, forming obstructions. The Carrigoenacreeha watercourse required similar repairs, and both drains are now in good order; the banks are becoming firm, and are not likely again to slip to any great extent. About 152 perches of side streams were opened in this division, and the tap drains used for diverting the river while the work was in progress, were filled in, where not required for the drainage of the adjoining lands.

Cloonshanville River.

A small portion of the main channel at the upper end and at the head of the Abbey stream remained from the previous year to be completed, and the work was done in the month of March. A timber accommodation bridge, resting on stone abutments, was erected across the main channel, and the watercourses were all cleared of weeds, which formed considerable obstructions to the discharge of the floods.

Mantua Bog and Turloughs.

The deep cut through the bog was cleared out, and all slips and obstructions removed; also, a small stream from the bog, at the boundary of the townland of Cloonkerin, was deepened for twenty-one lineal perches below the crossing of the public road.

The works in the Turlough consisted in making two contour drains, to divert the Lismacool and Gortnacloy streams to the deep cut in the bog, in place of flowing through the low lands of the Turlough, which are drained by swallow holes. About 190 lineal perches were opened partly through hard gravel and boulder stones. At the upper end of the Turlough a main drain was opened, bounding the townlands of Gortnacloy and Ballyroddy, and a number of swallow holes were staunched, that opened in the bottom of the contour drain which conveys the Ballyroddy stream to the deep cut in Mantua bog. Very large holes opened in places, swallowing down the embankment and slopes on the sides of the drain. The work has been all repaired, and the several watercourses were cleared of weeds and obstructions.

Two timber accommodation bridges, resting on stone abutments, were erected in this division; four timber passes were thrown across the contour drains, where portions of land were severed by the new cut, and also two across the main channel, near Lough Bally.

Lough Gara.

During the summer months the drainage cut at Clooncunny shoal was cleared of stones, placed there by the country people for the purpose of making a footpass over the new channel. Lough Gara, at its reduced level, is now divided into two lakes, only connected by the drainage cut, across which attempts have several times been made, much to the injury of the work at this place, to construct a foot-bridge. It is very important, as regards the drainage of the district, that the channel at this shoal should not be obstructed, and a properly built bridge would be desirable. It would afford direct communication between principal towns, and its construction ought to be undertaken by the counties on both sides of Lough Gara.

General Observations.

* * * * *

During the past year the fall of rain has exceeded the previous registries, but the improved lands in the district have been free from floods. In winter the main rivers fill brimful, and sometimes overflow the banks, covering very low portions of land of small extent for a few hours, but seldom higher than the former level of summer water.

REGISTRY of RAIN GAUGE at FRENCHPARK.

	Inches.		Inches.
January,	3·68	August,	3·11
February,	2·46	September,	3·65
March,	2·86	October,	3·23
April,	5·04	November,	3·89
May,	1·80	December,	4·49
June,	5·07		
July,	3·34	Total,	42·62

Preparatory to the award an estimate has been made of the improved value of the lands in the district, including about 4,719 statute acres. These lands are chiefly in grass, but upwards of 400 acres were under crops of oats, potatoes, turnips, and cabbages.

ABSTRACT of the PRINCIPAL WORK done:—

Division.	Length of Drains in Perches.		Excavation in Cubic Yards.			Total.	Masonry, Cubic Yards.
	Main.	Minor.	Rock.	Earth.	Repairs undergoing.	Earthwork.	
Tinacarra,	–	–	636	–	190	190	–
Cuppanagh,	256	88	100	2,631	–	2,631	–
Ardmore,	260	29	–	4,109	–	4,109	–
Lung River Division,	489	147	–	6,778	749	7,537	–
Breedoge do.,	46	91	–	1,857	360	2,217	25
Bellanagare do.,	–	152	–	1,390	1,015	2,405	12
Cloonshanville,	13	48	–	487	221	708	23
Mantua Bog and Turloughs,	507	44	–	7,771	1,453	9,224	61
	1,571	599	736	25,033	3,988	29,021	121

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APPENDIX C.

Extracts from the Annual Report of Mr. C. S. Ottley, C.E., District Engineer.

EXTRACTS from the ANNUAL REPORT of Mr. CHARLES S. OTTLEY, C.E., District Engineer.

For the year 1857. Dated 8th January, 1858.

District of LOUGH NEAGH, *in the Counties of Antrim, Londonderry, Armagh, Tyrone, and Down.*

The amount of new work executed on the district during the year 1857, has been necessarily small, and partakes more of the character of finishing than of any thing extensive. Moreover, much of the labour and expenditure for the year has been devoted to maintenance of the works before executed.

1st, or Coleraine Division.

A lock-keeper's house has been erected at the "Cutts" lock (No. 1), and a boundary wall built to enclose the premises intended to be retained for navigation purposes.

One of the salmon fishing cribs has been lowered two feet to bring it to same level as the others, and an additional fishing crib has also been constructed.

The crib which has been lowered had been constructed at the higher level, in acquiescence with the wish of the Irish Society and the Fishery Lessees, who were under the impression that the Board's design placed the cribs *too low*.

However, experience proved the reverse, and the alteration referred to has therefore been carried out at the request of the parties concerned in the fishery.

A permanent slip has been constructed in connexion with the Western Weir at the Cutts, for passage up the river of the eel fry, which has been found simple and effective

At Agivoy (seven miles up the river from the "Cutts") a quay, seventy feet in length, with wharf, steps, and approach from the public road has been constructed, which is a useful work, and will be found a great public accommodation.

Some dredging still remains to be done on this division.

Masonry, ...	240 cubic yards.
Rock excavation, . . .	160 "

2nd, or Movanagher Division.

Lock-houses have been erected at "Carnroe" and "Movanagher" locks, Nos. 2 and 3.

Permanent eel slips of masonry have also been built at each end of the two regulating weirs on this division.

A quantity of fence walls has been erected in connexion with Movanagher canal, and spoil banks have been formed and soiled.

One of the steam dredgers has been employed in deepening the channel through the shoals of Moore Lodge, Hegarty's ford, and Culmore, leaving very little to be done on this division in the way of dredging or otherwise.

Material dredged in 1857, .	8,115 cubic yards.
Masonry built " .	245 "
Spoil banks soiled " .	1 acre, 2 roods.

3rd, or Portna Division.

The lock-house at Portna, (No 4,) lock has been built, and the spoil banks adjoining the lock on both sides have been soiled and fenced.

Some very hard material has been dredged out of shoal, at Kilrea bridge, and what yet remains is trifling.

Eel slips have been constructed to pass the fry over Portna weir, same as at the other weirs below, so that there is no obstacle anywhere to their ascent.

Dredged on 3rd Division, .	1,555 cubic yards.
Masonry built " .	194 "
Spoil banks formed and soiled " .	3 acres.

4th, or Toome Division.

At Portglenone, the shoal places, at and above the bridge, were dredged early in the year, after which the dredger, No. 1, was removed to Lough Beg, &c.

The bars at both ends of Lough Beg, especially that at the North or New Ferry end, have been deepened, and a large quantity of stuff removed—guide-piles being driven to mark the channel in the broad water.

At Toome a lock-keeper's house has been built, and the river channel, above and below Toome bridge, has been a good deal improved.

The bridge, which carries the Cookstown extension of the Ballymena railway across the Bann at Toome is finished, but the timber piles and bracing which formed the temporary bridge, and scaffolding on which the new bridge was erected, have not yet been removed from the waterway.

The approach to the Ballyronan pier, west shore of Lough Neagh, has been effectually deepened this season.

Several main watercourses have been opened on the Toome division; and the applications here, as in other parts of the district, for extending such drains, have been very numerous. But what remains to be done in that way may fairly be left to the proprietors themselves to carry out.

Antrim Quay.

An important work has been effected at Antrim, more especially in reference to the navigation branch of the project.

Here the "Six Mile Water" enters Lough Neagh, and, many years ago, a pier of stone was constructed, and other works executed, at considerable expense, to provide a landing-place for lighters trading on the lake.

But this pier was so exposed in winter that it could not be approached in safety, and in summer the water was so shoal about it, that the work was totally useless; and all trade to Antrim, from Lough Neagh, had, for some years, been entirely abandoned.

The work executed under the Board's directions, during the past season, and now nearly complete, consists of the excavation, by dredging and otherwise, of a deep channel, ninety feet in width, over the bar, and fifty feet wide up the course of the "Six Mile Water," for a length of 600 yards.

Thence an inland canal or navigation cut has been made to a point close beside the high road, leading into the town of Antrim, where a harbour with quayage 150 feet in length, has been constructed; and a convenient landing-place has thus been provided with plenty of water, and complete shelter at all times of the year.

There is now six feet in depth of water at summer-time from Lough Neagh to this new harbour; whereas, there was not more than *six inches* on the bar in the river when we commenced.

These extra works at Antrim were strongly advocated by the Lower Bann Navigation Trustees; and the Grand Jury of the county of Antrim passed a special resolution in their favour.

Though the operations were heavy and expensive, I consider the public accommodation afforded will be fully commensurate with the outlay incurred.

I should further explain that the work has been very beneficial in the way of drainage; and, moreover, as the new cut has been made to act as a permanent mearing fence between the estates of Lord Masserene and the Rev. Wm. Chichester O'Neill; those proprietors at once consented to give the land required for the work without any charge, and have conveyed it to the Board accordingly.

Within the last few days the first lighter, loaded with tiles from Coalisland, has passed over the bar, and into the new channel; and, I have no doubt, trade will be revived and become considerable at this place, especially as there is now direct means of transit by rail from Antrim to Ballymena, which is only distant about ten miles, and is one of the most prosperous towns in the north of Ireland.

The introduction of lime into this district of country from the Tyrone side of Lough Neagh will be promoted by the improvements at Antrim, and a great quantity is used for agricultural purposes.

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Excavation done in 1857, on 4th Division, by—

Dredging and otherwise,	111,060	cubic yards.
Masonry built ,, .	272	,,
Main drains opened ,, .	2	miles.
Stone pitching of slopes ,, .	215	superficial yards.

Upper Bann Division.

The necessary work of keeping open the several river courses and main drains improved in previous years has been attended to, and a further length of such drains has been made this year.

The dredging of Newry canal has also been resumed, so as to afford a greater breadth of deep water, and make better provision for boats to pass each other, as requested by the Newry Navigation Company.

A cut or private canal, which communicated with the Upper Bann, and had been made by Colonel Blacker, for passage of small lighters to his own premises, has been sunk and cleared out to compensate for the lowering of the water in the lake and river.

Some extra sluices have been inserted where found to be necessary, and numerous farm crossings have been provided over the drains, to prevent injury to the slopes by cattle and otherwise.

Blackwater Division.

The several embankments have been properly maintained, and raised where subsidence had taken place; and many new watercourses have been opened, in addition to the cleansing of most of those heretofore made.

Shoal places in the river Blackwater have been improved by dredging, and also the portion of the Tyrone canal adjoining the river.

The new channel for the Tall and Callan through the deep bog, which was stated in my last Report to have risen or swelled in the bottom, has been deepened also by dredging; and this operation has importantly aided in keeping down the floods in the valleys above; in addition to which the additional fall thereby obtained has been carried up the Tall by resinking that river for several miles.

Another very useful improvement has been effected on the Upper Callan by the reconstruction of the old Clonmain weir across that river, whereby its power of discharge has been increased without interfering with the mill power, and floods above it kept under better control than before.

The work done on Upper Bann and Blackwater Divisions in 1857, was as follows:—

Dredging and excavation, .	9,946	cubic yards.
Masonry built, . . .	320	,,
Main drains, &c. opened,	9¼	miles.

In addition to this, drains formerly made have been cleaned out to the extent of twenty-nine miles.

Slopes, embankments, and sluices have been kept in repair, and a new sluice has been constructed at junction of Ballymartrim river with the Blackwater, a little above Blackwatertown bridge, which has had the effect of very much reducing the amount of occasional flooding to the Ballymartrim valley, from the backwater from the main river.

Although, upon the whole, the season has not been a wet one, there have been sudden and heavy falls of rain, causing, at times, serious floods in the tributaries, especially in the Blackwater, Callan, &c., which have fully tested the efficacy of the drainage works.

General Abstract of Work done.

—	Prior to 1857.	1857.	Total.
Rock excavation, .	256,548 c.yds.	160 c.yds.	256,708 c.yds.
Clay &c. dredged &c.	2,354,473 ,,	130,675 ,,	2,485,148 ,,
Embankments, .	40,826 ,,	Nil.	40,826 ,,
Masonry, . .	33,991 ,,	1,271 c.yds	35,262 ,,
Stone dressed, .	313,633 c ft.	892 c. ft.	314,525 c. ft.
Main drains opened,	127½ miles	11½ miles	139 miles

Rain fall for year at Toome, . . 25·76 inches.
,, Armagh Observatory, by Globe Gauge, . 33·61 ,,

The total rain fall for the year 1857 has been rather more than in 1856, but Lough Neagh is at present (4th January, 1858) eighteen inches below its former *ordinary summer level*, and fourteen inches lower than it was at the same period of last year.

Appendix C.

Extracts from the Annual Report of Mr. C. S. Otley, C.E., District Engineer.

Mill Power.

The principal mill sites established by the Board on the Lower Bann, in connexion with the Navigation Works, still remain in their hands, no sufficient offer having been made for their purchase.

With regard to the new site at the "Cutts," near Coleraine, it has been arranged to transfer that to the Irish Society, in lieu of the water power they formerly possessed there, and in payment for the lands and other premises belonging to the Society which were altogether removed or are permanently retained by the Board for the purposes of the Drainage and Navigation Works.

An Act passed last session of Parliament, empowers the Board to hold over the other mill sites and water power till favourable opportunities should offer for disposing of them, independently of the period when the final awards shall be made.

Fisheries.

The eel fisheries on the Lower Bann have been very productive this year, notwithstanding the lowness of the water for the early portion of the fishing season, and the continued depredations committed by the Lough Beg poachers, whose conduct in trespassing on a "Several Fishery," has not yet met with any punishment, though frequently brought before the local magisterial bench.

As regards the passage up the river of the "eel fry" from the sea, the wishes of the Board and the Fishery Commissioners have been carried out, by the construction, during the last season, of permanent slips of masonry in connexion with the several regulating weirs; which have been designed to provide, most effectually, for the ascent of the fry, without the aid of straw ropes or other means of lifting them over the falls, heretofore necessary for the purpose.

The salmon fishing at the Cutts also exhibits progressive improvement; and every thing has been done, by recent alterations of cribs and Queen's share, to meet the wishes of the Irish Society (who are the proprietors), and to give increased facilities for taking fish, so far as is consistent with the protection and conditions prescribed by the Fishery Acts.

The take of salmon at the Cutts was, in

		No. of Fish.		Tons.	Cwt.
1855,	. .	1,103,	Weight,	5	6
1856,	. .	1,665,	—	6	1
1857,	. .	2,155,	—	7	6

Efforts have been made by the gentry and magistrates in the neighbourhood of Coleraine and Ballymoney, to preserve the salmon passing up the river from the operations of the poachers; and several convictions having been obtained, much good has resulted, and the supply of salmon in the river will, no doubt, be increased.

Drainage.

The past year's experience warrants me in repeating, with increased confidence, the opinion expressed in my former reports, that the Lough Neagh drainage measure has been entirely successful.

The works are now complete, with very trifling exceptions; and the valuator appointed by the Board for examination of the district for final drainage award, has been over the whole of the lands during the past season.

The result of his inspection will, no doubt, be very soon before the Board; but, in the meantime, I may state, from my own observation, that the benefits from drainage are daily becoming more evident and more fully admitted by all; and that there is a greater extent of land improved than was included in the quantity originally estimated.

A great deal of ground, formerly wet and marshy, has been brought under tillage; and the quality of the grasses on the old flooded meadow lands, which have not been broken up, has greatly improved, and the crops become more valuable each year.

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APPENDIX C.

Extracts from the Annual Report of Mr. C. S. Ottley, C.E., District Engineer.

Some of these meadows sold by auction in the season of 1857 at nearly double the price per acre which they produced before the works were undertaken.

Independently of the improvement actually apparent in the land, the power of useful irrigation is also afforded, which may be most beneficially applied to the lands adjoining many of the tributaries, if properly constructed sluices are provided by the parties interested, so as not to endanger the stability of the embankments, by making open cuts through same, which has been attempted in some cases.

Sanitary Effects.

In speaking of the practical results, as regards drainage, &c., which have arisen from the lowering of Lough Neagh, there is an item of great public benefit, not to be estimated by money value, but not the less important on that account, which is to be found in the great sanitary improvement observable in those parts of the district, where the long continuance of stagnant water on the low lands, had, heretofore, made fever, ague, rheumatism, and such diseases, extremely prevalent.

I would particularly refer, for example, to the country about Portadown; and I have the authority of Dr. Bredin, who has been the principal medical practitioner in Portadown for many years, and who promptly answered my inquiries from him on the subject, that the number of cases of the kind named above, which are specially referable to a damp and noxious atmosphere, have diminished to one-third of what it used to be, on the same extent of surface, anterior to the lowering of the water by the drainage works.

Independently of the execution of fresh works during the year, as described in this report, the maintenance and repair of all that had previously been done has been provided for and attended to; and no accident has befallen, by failure or otherwise, any of the locks, weirs, bridges, or other works, all of which are in good repair and working order.

Navigation.

Since my last Annual Report, lock-keepers' houses have been constructed at the five locks on the Lower Bann, and the navigation channel has been deepened by dredging at most of the points where it was insufficient.

New wharfs have been constructed at Agivey and at Antrim, as already explained; and additional beacon-piles have been put up where necessary.

The navigation works, with the exception of some dredging, especially through Lough Beg, may now be said to be complete; and the necessary plans of the works, and lands belonging thereto, for the purposes of the final award, as well as duplicates for handing over to the trustees, are now in course of preparation, and will shortly be completed.

Though the full intended depth of water (eight feet in summer) is not at present everywhere available, the work of deepening by dredging is proposed to be continued, in order to attain that depth where it is still deficient; and, in the meantime, there is provision throughout the whole navigation comprised within the district, for the passage of such screw tugs and lighters as are at present trading on Lough Neagh, and the several rivers and canals connected with it.

The two Boards of Trustees appointed by Act of Parliament in 1856, in whom are to be vested, on behalf of the counties, the Upper and Lower Bann navigations, held their first meeting respectively at Lurgan and Ballymoney, on the 20th of January, 1857, as provided by the Act.

They made certain preliminary arrangements as to probable staff of lock-keepers, maintenance of works, &c.; but the meeting was only formal, and nothing conclusive could be arrived at, inasmuch as the Trustees do not really come into power till the final award is made, and the transfer of the navigation from the Board of Works to the Trustees is regularly effected.

At Portglenone, many millions of bricks have been delivered on the new wharf, and thence carted to the interior.

At Toome, several lighters have already arrived from Newry, Coalisland, and other places, with granite, stone, bricks and tiles, &c., for transmission, by rail, from Toome to Ballymena and elsewhere; and there is every prospect of the railway and navigation, thus mutually aiding each other, and jointly promoting the improvement of the surrounding country.

Although the navigation is not opened to the public, promising symptoms of trade have thus been already observable, which predict future increase when it is regularly established, and is known to be generally available.

The Lower Bann river, as a channel for navigation between Lough Neagh and the sea, has many advantages over the ordinary canals.

1. The depth of water will be sufficient for laden lighters to pass at all seasons of the year.

2. There are only five locks in a length of thirty-two miles.

3. These locks, being 130 feet long and 20 feet in width, are suited for the passage of screw tug steamers.

* * * * *

It is much to be regretted that, while swivel bridges have been erected at all other road-crossings of the Bann, from the sea to Lough Neagh, the bridge at Coleraine remains the only obstacle to the passage up the river of masted vessels.

The construction of a swivel arch here, in connexion with the present bridge, and some improvement by dredging below, would very much add to the usefulness of the Bann navigation, as executed by the Board.

* * * * *

As regards the cost of finishing, the sum of £500 will suffice for what is to be done, exclusive of maintaining the works from present time till the awards are made, and also exclusive of steam dredging operations, which will have to be continued on the part of the Board, for the same period.

It will further be necessary, after the final awards are made, to follow up this work of dredging for some time, either through the Trustees or otherwise, as the Board may decide.

The necessity for this continued dredging arises more especially from the deficiency in the depth of water *through Lough Beg, for navigation purposes*, as compared with the channel in other parts.

This deficiency, *as explained in former Reports*, arises from the fact that the increased current, caused by the sinking of the river further down, has proved insufficient to carry away, by its action, the soft mud composing the bottom of the lough; and as that was the process of deepening relied on by the writer of the original Report, no provision was made in his estimate for otherwise performing the work.

The two steam dredgers, with their attendant barges, may be made available for this service, and for the future maintenance of the District.

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APPENDIX C.

Extracts from the Annual Report of Mr. S. U. Roberts, C.E., District Engineer.

EXTRACTS from the ANNUAL REPORT of Mr. SAMUEL U. ROBERTS, C.E., District Engineer.

For the year 1857. Dated 23rd January, 1858.

Districts of LOUGHS CORRIB, MASK, *and* CARRA, DUNKELLIN, MASK, *and* ROBE, BALLA, SHRULE, LOUGH LANNAGH, LAVALLY, *and* TURLOUGHMORE, *in the Counties of Galway and Mayo.*

LOUGH CORRIB DISTRICT.

Drainage, Navigation, and Mill Power.

Galway Division.

The swivel bridge over the Eglinton canal at Claddagh, referred to in my last report as in progress, was completed, and on the 31st July opened for public traffic, and named by His Excellency the Lord Lieutenant, "Carlisle Bridge."

A crane has been erected on the Eglinton canal wharf, for loading and discharging boats, and a guard chain provided for the tidal entrance to No. 1 Lock, to prevent boats lying in the chamber and injuring the gates.

The seats of some of the dams constructed at Newcastle and Wood-quay during the progress of the works, were removed by the steam dredger, and the north entrance to the Eglinton canal deepened.

A large shoal that had formed immediately in front of No. 2 Lock was removed, and a boundary wall built to the Board's property at Ball's Bridge, to prevent trespass.

The several works in connexion with the drainage and mill improvements in this division have been maintained in an efficient state, and are now in perfect order.

Eastern Division.

Several shoals, formed by the action of last winter's floods in the channel of the Claregalway river, and the seats of the dams at Anghanafar and Montiagh shoals, have been removed by dredging, and the channel for navigation purposes completed up to Annebrogher shoal. The accommodation bridge at Kiltroge was repaired, and the main drains of Carrowbrowne and Sylaun opened up.

The channels of the Cregg and Waterdale rivers were completed up to Cregg mills, and Cloughaun bridge, respectively, and boat quays formed at each terminus. In the latter part of the season these rivers were scoured out, and all accumulations of weeds and deposits of mud removed. An accommodation bridge was built at Tonagarraun.

The only works executed in the Black river were those found necessary for maintenance.

Cong Division.

The works executed in this division were the levelling and dressing of some spoil banks, the piling of the ashlars near the village of Cong, some trifling repairs to the sluices at Lough Mask, and the maintenance of the road from the quay at Strandhill to the village of Cong.

Lough Corrib Division.

The channel at the entrance to the Cong landing quay was widened and improved by the removal of portions of the rushy island in the centre of the river, and of the rocky shoal at Kinlough point.

At Coal Island, Clydagh, Illaunee, and Annaghdown, it was also found necessary to improve the quick bends in the navigation channel.

The buoys and some of the stone beacons that were placed in positions exposed to the influence of south-westerly gales, have been replaced by iron perches, which are found to answer better, and are not in any way affected by the storms.

Landing wharfs have been constructed at Ballymagibbon, Annakeen, and Keekill.

The following is a tabular statement of the traffic which has taken place on the Eglinton canal during the past year:—

Months.	Marble.	Building Stones.	Minerals.	Turf.	Potatoes.	Seaweed.	Manure.	Sea Boats.	Miscellaneous.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
January,	–	80	·36	80	–	–	–	–	76	272
February,	–	–	–	88	80	–	–	–	45	213
March, .	–	120	45	160	40	–	80	411	16	872
April, .	–	–	–	60	28	–	80	400	97	665
May, .	–	56	–	80	–	–	72	550	58	816
June, .	–	180	–	76	–	–	20	380	78	734
July, .	–	108	–	104	–	–	–	260	66	538
August, .	–	72	–	150	48	–	106	269	23	668
September	–	99	–	84	20	–	–	243	52	498
October, .	–	–	–	104	50	–	28	205	36	423
November	–	65	–	128	20	–	40	217	29	499
December,	–	88	–	120	24	–	–	101	234	627
Total,	–	868	81	1,234	310	–	426	3,096	816	6,825

General Observations on District.

The expenditure on this district, since my last Annual Report, amounts to £3,089 18s. 6*d.*

The only works to be executed previous to the award, are those of maintenance and repair, including the scouring of the upper portion of the Claregalway and Cregg rivers, and some of their main drains; the scouring up of the Black, Moycullen, and Woodstock rivers, and the minor drains at Annadown. These works were not authorized until a late period in the year; their cost will be £470: in addition to which is to be included the expense of the staff, which it is necessary to retain until the award is made, and the district handed over to the proprietors.

The floods throughout this district have not, during the past year, risen above the ordinary level attained since the completion of the works.

The effects produced on the drainage of the district continue to be most satisfactory; the lands have, with the exception of those stated below, been free from flooding, and the mills at Galway have had a full and ample supply of water throughout the entire summer, notwithstanding the peculiar dryness of the season.

The following is a return of the land which was flooded during the year in this district:—

Townlands.	Extent of Land Flooded.	Duration, &c., of Floods.
	Statute Acres.	
Montiagh, North and South, . Claregalway, . Summerfield, . Sylaun, . Curraghmore, . Islandmore, .	250	These lands, which are all under grass, received but little injury, being flooded only for a few days to a depth not exceeding one and a-half feet.

DUNKELLIN DISTRICT.

Drainage.

The drainage and improvement of this district was completed in 1856; but as several of the most important works had been many years executed, considerable repairs were required, which, together with the general clearing up of the various river channels, was executed in the months of April, May, and June. The final award was made in July, and the district placed in the hands of the proprietors.

In addition to the general works of maintenance referred to, an accommodation bridge was constructed at Carrowmore, over the Raford river, where a severance had been made in that townland.

A boundary fence was formed between Stradbally and Killeelybeg, where that originally existing had been destroyed by the lowering of the water in the main river.

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APPENDIX C.

Extracts from the Annual Report of Mr. S. U. Roberts, C.E., District Engineer.

An unwatering drain at St. Cleran's was refilled, and the parapets of White Mills and Killilan bridges completed.

The lands in this district have been free from flooding during the past year, with the exception of some low portions of small extent, lying along the old river channels, which are of but little value. The lands relieved are generally used for pasture, and have been stocked with sheep and black cattle during the entire winter.

No observations were made during the past year on the flood discharges. There has not been any extraordinary flood, and none approaching the height of that of 29th September, 1856, referred to in my last report.

LOUGH MASK AND RIVER ROBE DISTRICT.

Drainage and Navigation.

The works for the drainage of this district were executed to the extent proposed previous to the close of the year 1856, with the exception of the opening up of the Bunnatubber stream, the removal of the eel weirs at the mouth of the River Robe, and the building of an accommodation bridge over the Towerhill mill-race, which works were completed in March.

The river channels were cleared up during the summer months; all slips, shoals, and other obstructions to the free passage of the water removed; and the lands have been free from flooding and injury during the past season.

The final award meeting for this district was held on the 16th December, 1857, and the final award signed on the 14th January, 1858.

BALLA DISTRICT.

Drainage.

A salmon passage has been constructed at Moyhenna weir, to admit of the fish getting into the upper waters of the river.

The clearing up of the river channel and main drains throughout the district, and the general repairs of the works, were completed early in the spring. The final award was made on the 6th April, 1857, and the district handed over to the proprietors.

The channels continue to discharge the floods in an efficient manner, and the lands have been free from injury during the past year.

SHRULE DISTRICT.

Drainage.

An accommodation bridge has been constructed at Cloonshean, where a severance was made in that townland. An embankment and self-acting sluice were erected at Moyne bridge, to relieve the townlands of Cordarragh and Ballyfruit from injury during extraordinary floods.

A drain was opened up from Lough Dooann, for the relief of the lands of Beaghbeg; and the main channel of the river and the various tributaries were cleared up during the early part of the year.

The final award was made in April, 1857, and the district handed over to the proprietors, who have since appointed trustees, and made the necessary arrangements for the maintenance of the works.

The result of the works continues to be most satisfactory; no lands have been flooded during the past year.

LOUGH LANNAGH DISTRICT.

Drainage.

The clearing up of the river courses and general repairs of the works in this district (which had been executed some years), were completed in March, and the final award made in April, 1857, when the district was handed over to the proprietors.

The lands have been free from flooding during the past season.

LAVALLY DISTRICT.

Drainage.

The final award was made in this district on the 27th October, 1856, but no works of maintenance have yet been executed by the proprietors. The channels, however, though requiring considerable repairs, continue to discharge the floods at a sufficiently low level for the relief of the adjoining lands. The principal injuries to the works which I have observed are caused by the occupiers of the lands building eel weirs, and placing stepping-stones across the channels. The proprietors have lately appointed trustees, who are now making the necessary arrangements for the maintenance of the works.

TURLOUGHMORE DISTRICT.

Drainage.

This district has been in the hands of the trustees since June, 1855, and the works have been maintained in a very efficient manner.

During the past season the lands have been free from flooding, except those reclaimed from Cloonkeen lake, and a small portion of Turloughmore; these were flooded on two occasions for short periods.

The following tabular statement shows the quantity of the different descriptions of work executed in the several districts during the year 1857:—

Districts.	Excavation.		Masonry.			Embankments formed.	Puddle Stanching.
	Earth.	Rock.	Dressed, in bridges, loughs, quays, &c.	Dry, in fences, retaining walls, &c.	Ashlar in the foregoing.		
	Cubic Yards.	Cubic Yards.	Cubic Yards	Cubic Yards	Cubic Feet.	Cubic Yards.	Cubic Yards.
Lough Corrib, .	7,500	1,050	340	25	2,910	10	50
Dunkellin, .	450	70	30	500	810	–	–
Mask and Robe,	2,400	660	30	–	–	–	–
Balla, . .	–	–	–	–	–	–	–
Shrule, . .	850	–	–	26	–	30	–
Lough Lannagh,	–	–	–	–	–	–	–
Total, .	11,200	1,780	400	551	3,720	40	50

The following is a return of the fall of rain during the year 1857, as far as it has been registered:—

Months.	Galway.	Cong.	Castlekirk, near Oughterard.	Observations.
January, .	6·29	5·98	6·49	
February, .	3·40	2·70	4·94	
March, .	3·70	2·54	3·22	
April, . .	4·74	4·26	4·14	
May, . .	2·07	1·59	3·31	
June. . .	3·48	3·62	3·60	
July, . .	3·66	1·62	1·91	
August, .	2·67	1·51	–	
September, .	3·94	–	–	
October, .	3·48	–	–	
November, .	3·62	–	–	
December, .	3·78	–	–	
Total, .	44·83	–	–	

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APPENDIX C.

Extracts from the Annual Report of Mr. G. Tarrant, C.E., District Engineer.

EXTRACTS from the ANNUAL REPORT of Mr. GEORGE TARRANT, C.E., District Engineer.

For the year 1857. Dated 4th and 10th February, 1858.

Districts of DUNMORE *and* MONIVEA, *Counties of Galway, Mayo, and Roscommon.*

DUNMORE DISTRICT.

The following are the works which have been executed:—

Ballygaddy Division.

One thousand seven hundred yards in length of the cut for conveying the waters of the tributary stream, north of Ballygaddy bridge, have been scoured up, and 1,450 yards in length of branch drains made, and ten gullets built.

Kilcreevanty Division.

Four thousand five hundred and fifty yards in length of drains have been made through the low bottom lands adjoining the main channel; 1,100 yards in length of drains scoured up; 500 yards in length of tap drains filled in; the main channel cleared of weeds and other obstructions for its entire length, and a quantity of spoil formed and arranged.

Fartamore Division.

Four thousand five hundred yards in length of drains have been made through the low bottom lands adjoining the main channel; 750 yards in length of drains scoured up; the main channel cleared of weeds and other obstructions, and a quantity of spoil formed and arranged.

Knocknagur Stream.

Three thousand eight hundred and sixty yards in length of drains have been scoured up, and two stone gullets built.

Quarrymount River.

Three thousand four hundred and eighty yards in length of drains have been cut through the low lands adjoining the river; 880 yards in length of drains scoured up; 600 yards in length of tap drain filled in, and a quantity of spoil formed and arranged.

Liskeevy Division.

The low parts of the river banks, for 500 yards in length, were embanked to prevent the floods from overflowing the low lands of Lebid and Liskeevy turlough, and a sluice inserted in the mouth of the cut leading from the main channel to the cavernous passages in the turlough, through which the supply to the Kilsbanvy mills is conveyed, to prevent a greater body of water flowing through, in time of floods, than the passages can discharge; 1,320 yards in length of drains have been made; 700 yards in length of tap drain filled in, and a considerable quantity of spoil formed and arranged.

Milltown Division.

Six hundred yards in length of drain to carry off the waters of the low lands east of the main river, between Milltown and Millbrook, have been made, and an embankment formed for this length, to prevent the river from overflowing these lands in time of flood; 300 yards in length of tap drain have been filled in, and a quantity of spoil formed and levelled.

Strawberryhill River.

One thousand seven hundred and thirty yards in length of the cut, to carry the waters of this river, have been made; 1,050 yards in length of branch drains; and 2,100 yards of the drain to carry the waters of the Strawberryhill tributary, scoured up.

The arrangements for the completion of the district are, to scour up a portion of the tributary stream, north of Ballygaddy bridge, and some drains running into it; to form some spoil, and to fill in some small tap drains; to scour up Curraghan stream; to form some spoil in the Fartamore, Liskeevy, and Milltown Divisions, in some places along the river's edge, and to complete the excavation of some drains in the latter division; to finish the drain and embankment between Milltown and Millbrook, and to fill in tap drains; to rebuild the mill-dam at Milltown; to complete the excavation of some drains running into the Belmont, Knocknagur, and Quarrymount river, and the scouring up of these channels; and to complete the excavation of the Cloonrane and Strawberryhill rivers, and of some drains running into them; and to construct some cattle passes, all of which works will be completed in July next.

The fall of rain for the year is 27·14 inches. The greatest fall took place on the 2nd and 3rd of January, when, in twenty-four hours, 1·44 inch fell, which produced a flood at the outfall of the district of 139·410 cubic feet per minute. On the 4th of January this flood passed over some low spots along the river's edge, and covered, for a depth of three inches, five acres of the drained lands south-east of Milltown bridge, for about twelve hours. Previous to drainage operations these lands were flooded for six months in the year, and had a depth of from two to three feet of water on them.

Three hundred and fifty acres of the lands of the district between Liskeevy and Milltown, and between the latter and Millbrook, and along the upper part of the Strawberryhill river, were partially flooded during the winter months, in consequence of the non-completion of the works.

RAIN FALL for the Year.

	Inches.		Inches.
January,	4·32	August,	1·44
February,	1·92	September,	1·56
March,	1·92	October,	1·92
April,	3·00	November,	2·66
May,	1·44	December,	3·24
June,	1·92		
July,	1·80	Total,	27·14

The tilled portion of the drained lands continues to yield good crops of potatoes, oats, turnips, &c.; the meadow good hay, and the pasture to improve in quality.

MONIVEA DISTRICT.

The stanching of a large fissure in the rock-cutting at Ballyglooneen demesne, in May last, through which the water of the river was escaping, was the only work done in the district for the year.

The works are in good order, and the tilled lands continue to yield good crops; and the pasture lands surpass, for feeding purposes, any in the surrounding country.

The award in this district was made in April last.

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